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PERFORMANCE MONITORING SYSTEM: SUMMARY OF LOCK
STATISTICS FOR OCTOBER-DECEMBER 1986(U) ARMY ENGINEER
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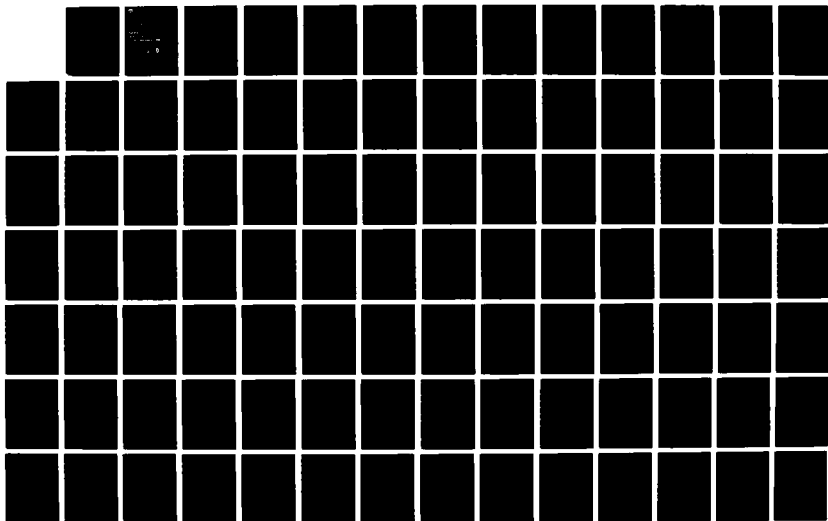
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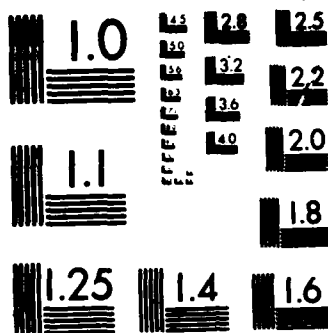
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Institute for Water Resources

AD-A183 621

Performance Monitoring System:

Summary of Lock Statistics for October-December 1986

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Frank Sharp
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lock
Performance Monitoring System
PMS
statistics

20 ABSTRACT (Continue on reverse side if necessary and identify by block number)

Lock Performance Monitoring data are collected at Corps locks by lock
operators from observation and information provided by waterway operators.
This quarterly summary is an overview of the collected statistics.

PERFORMANCE MONITORING SYSTEM
SUMMARY OF LOCK STATISTICS
OCTOBER 1986 - DECEMBER 1986

Navigation Division

U.S. Army Corps of Engineers
Water Resources Support Center
Institute for Water Resources
Ft. Belvoir, Virginia 22060-5586

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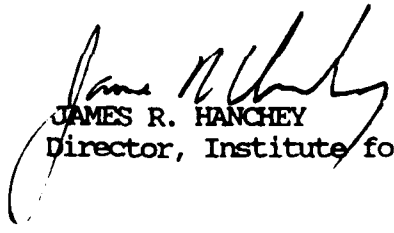


PREFACE

This report is a product of the Navigation Division of the U.S. Army Engineer Institute for Water Resources (WRSC-IWR). The information is compiled from statistics collected at the Corps locks in support of the lock Performance Monitoring System (PMS). The Engineer Automation Support Activity (EASA) provides support for PMS data base and collaborated in preparation of the report.

The report is prepared by Miss Shilpa B. Patel under the supervision of Mr. Francis M. Sharp, and Dr. Lloyd G. Antle. The Office of the Chief of Engineers (OCE) sponsor is Harold Tohlen, CWO-M (202-272-0245).

Requests to update or change the distribution, comments and questions can be directed to Frank Sharp (202-355-3083). The information is produced and distributed quarterly.



JAMES R. HANCHEY
Director, Institute for Water Resources

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Introduction

The lock Performance Monitoring System (PMS) encompasses the collection, editing, maintenance and analysis of data collected at all Corps-owned and operated locks. The data have been collected since March of 1975 and consist of information describing the traffic through the locks as well as the physical aspects of lockages. The quarterly summary of selected statistics presented in the appendix provides an overview of the traffic and operation at each lock. The quarterly report is presented in a table for each Corps District. Information reported for each lock and chamber includes a table providing, by direction and total, all vessels, barges, lockages and tonnages for the previous quarter, current quarter, and year-to-date. The table also provides information on the number of delayed tows, the average, total and maximum delay time, and average stall time for previous quarter, current quarter and year-to-date.

The summary information will be computed and displayed for chambers, which has data for only one or two months of the quarter. This fact is noted on the report.

BERWICK LOCK
 ATCHAFALAYA RIVER
 82 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

PAGE 1

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	255	28	35	*	96	23	*	277	52	19	* 6 *
* D O W N B O U N D	492	40	14	*	73	36	*	283	59	21	* 10 *
* T O T A L	747	36	21	*	169	29	*	560	55	20	* 16 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	309	54	19	*	61	37	*	287	55	33	* 7 *
* D O W N B O U N D	300	47	21	*	64	46	*	287	50	34	* 33 *
* T O T A L	609	50	20	*	125	42	*	574	52	33	* 40 *
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-18%	14%	-23%	*	-26%	6%	*	2%	-3%	69%	* 150% *
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	1147	43	26	*	312	22	*	1072	58	27	* 14 *
* D O W N B O U N D	1622	46	17	*	305	30	*	1116	57	30	* 76 *
* T O T A L	2769	45	21	*	617	26	*	2188	58	29	* 90 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	1271	60	18	*	253	30	*	1083	40	39	* 16 *
* D O W N B O U N D	1316	62	16	*	228	50	*	1124	34	42	* 178 *
* T O T A L	2587	61	17	*	481	40	*	2207	37	41	* 194 *
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-6%	27%	-23%	*	-22%	18%	*	0%	-35%	43%	* 115% *

*(ALL TIMES EXPRESSED IN HOURS)											*
*-----											*
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG STALL		*
	TOWS	OF		OF		TIME		MAX	OF		*
		TOWS		ALL TOWS		(TOWS)		(ALL VSL)	STALLED VSLS		*
*-----											*
*PREVIOUS QTR 10/85 THRU 12/85	70	.0		.0		4.0		2.4	.0		*
*CURRENT QTR 10/86 THRU 12/86	47	.0		.0		2.7		20.0	2.1		*
*-----											*
* Y E A R T O D A T E											*
*-----											*
*PREVIOUS YEAR 1/85 THRU 12/85	198	.0		.0		10.6		24.0	.0		*
*CURRENT YEAR 1/86 THRU 12/86	139	.0		.0		9.2		20.0	1.4		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUL AUG
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 AUG SEP DEC

KEYSTONE LOCK
BAYOU TECHE
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

PAGE 2

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
FOURTH QUARTER		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	3	66	33	* 2	100	* 3	66	33	* 2
* DOWNBOUND	4	25	75	* 6	33	* 10	90	10	* 2
* TOTAL	7	42	57	* 8	50	* 13	84	15	* 4
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	4	25	75	* 6	100	* 10	90	10	* 6
* DOWNBOUND	4	25	75	* 6	0	* 10	90	10	* 0
* TOTAL	8	25	75	* 12	50	* 20	90	10	* 6
* ** PERCENT CHANGE <<<<<	14%	-33%	50%	* 50%	50%	* 53%	63%	0%	* 50%
* YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	34	52	41	* 28	100	* 55	72	27	* 28
* DOWNBOUND	39	58	41	* 31	6	* 60	70	30	* 2
* TOTAL	73	56	41	* 59	50	* 115	71	28	* 30
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	37	75	24	* 18	88	* 53	50	49	* 16
* DOWNBOUND	43	79	20	* 18	0	* 54	50	50	* 0
* TOTAL	80	77	22	* 36	44	* 107	50	49	* 16
*>>>> PERCENT CHANGE <<<<<	9%	51%	-40%	* -38%	-46%	* -6%	-34%	60%	* -46%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
FOURTH QUARTER		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	4	.1	.1	.4	.1	.0			
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0	.4	.0	.0			
* YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85	30	.1	.1	3.0	.2	.0			
*CURRENT YEAR 1/86 THRU 12/86	18	.0	.0	1.7	.1	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 AUG SEP OCT DEC

FRESHWATER BAYOU LOCK
FRESHWATER BAYOU
82 NEW ORLEANS
LOWER MISS VALLEY DIVISION

PAGE 3

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	3514	6	15	* 575	98	* 1884	71	0	* 340	*	
* DOWNBOUND	3345	5	24	* 817	97	* 1926	69	0	* 641	*	
* TOTAL	6859	5	19	* 1392	98	* 3810	70	0	* 981	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	2058	10	14	* 297	95	* 1176	97	2	* 168	*	
* DOWNBOUND	1910	10	19	* 382	97	* 1141	96	3	* 252	*	
* TOTAL	3968	10	16	* 679	96	* 2317	96	2	* 420	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-42%	2%	-51%	* -51%	-52%	* -39%	-16%	871%	* -57%	*	
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	17121	12	13	* 2387	95	* 8203	85	0	* 1457	*	
* DOWNBOUND	16427	12	20	* 3431	95	* 8217	84	0	* 2568	*	
* TOTAL	33548	12	16	* 5818	95	* 16420	84	0	* 4025	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	12568	21	12	* 1609	96	* 6405	90	4	* 1069	*	
* DOWNBOUND	12138	21	16	* 2034	94	* 6289	89	5	* 1431	*	
* TOTAL	24706	21	14	* 3643	95	* 12694	89	4	* 2500	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-26%	23%	-36%	* -37%	-37%	* -22%	-18%	356%	* -37%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
*-----	DELAYED	OF		OF		TIME	MAX	OF		*	
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*	
*-----										*	
*PREVIOUS QTR 10/85 THRU 12/85	93		.0		.0		5.1	5.8	5.3	*	
*CURRENT QTR 10/86 THRU 12/86	62		.0		.0		4.1	1.4	1.3	*	
*-----										*	
* Y E A R T O D A T E										*	
*-----										*	
*PREVIOUS YEAR 1/85 THRU 12/85	394		.0		.0		32.7	24.0	3.6	*	
*CURRENT YEAR 1/86 THRU 12/86	380		.1		.0		38.0	12.8	2.8	*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

PORT ALLEN LOCK
GULF INTRACOASTAL
82 NEW ORLEANS
LOWER MISS VALLEY DIVISION

PAGE 4

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	1212	0	85 *	3106	72	* 880	99	0 *	4663	*
* DOWNBOUND	913	0	80 *	2051	54	* 716	98	0 *	1828	*
* TOTAL	2125	0	83 *	5157	65	* 1596	98	0 *	6491	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	811	0	81 *	1943	76	* 579	99	0 *	2908	*
* DOWNBOUND	638	1	79 *	1487	47	* 482	98	0 *	1153	*
* TOTAL	1449	0	80 *	3430	63	* 1061	99	0 *	4061	*

*>>>> PERCENT CHANGE <<<<<	-31%	266%	-33% *	-33%	-34%	* -33%	-33%	50% *	-37%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	4772	0	84 *	12032	67	* 3468	97	0 *	16677	*
* DOWNBOUND	3731	0	81 *	8457	57	* 2894	97	0 *	8704	*
* TOTAL	8503	0	83 *	20489	63	* 6362	97	0 *	25381	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	4160	0	84 *	10542	70	* 3128	98	0 *	14440	*
* DOWNBOUND	3305	0	81 *	7737	52	* 2608	97	0 *	6941	*
* TOTAL	7465	0	83 *	18279	62	* 5736	98	0 *	21381	*

*>>>> PERCENT CHANGE <<<<<	-12%	43%	-12% *	-10%	-11%	* -9%	-9%	0% *	-15%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*
*PREVIOUS QTR 10/85 THRU 12/85	1670		1.0	1.0		1823.0	10.1	.0		*
*CURRENT QTR 10/86 THRU 12/86	1083		1.2	1.1		1310.8	8.3	1.6		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	6549		1.1	1.1		7785.2	24.1	.4		*
*CURRENT YEAR 1/86 THRU 12/86	5723		1.1	1.0		6689.7	24.7	1.0		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

BAYOU SORREL LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

PAGE 5

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	1229	0	88 *	2980	73	* 1300	46	0 *	4071	*
* D O W N B O U N D	974	0	74 *	1986	51	* 1009	46	0 *	1697	*
* T O T A L	2203	0	82 *	4966	64	* 2309	46	0 *	5768	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	848	0	84 *	1943	78	* 943	87	0 *	2851	*
* D O W N B O U N D	689	0	73 *	1419	46	* 769	86	0 *	1106	*
* T O T A L	1537	0	79 *	3362	64	* 1712	86	0 *	3957	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-30%	400%	-32% *	-32%	-32%	* -25%	39%	200% *	-31%	*
*-----										*
* Y E A R T O D A T E				*		*			*	*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	4800	0	87 *	11540	68	* 5279	67	0 *	14092	*
* D O W N B O U N D	4113	0	74 *	8439	54	* 4398	67	0 *	7561	*
* T O T A L	8913	0	81 *	19979	62	* 9677	67	0 *	21653	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	4403	0	85 *	10347	72	* 4884	80	0 *	13864	*
* D O W N B O U N D	3604	0	73 *	7385	50	* 3999	81	0 *	6426	*
* T O T A L	8007	0	79 *	17732	63	* 8883	80	0 *	20290	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-10%	0%	-11% *	-11%	-10%	* -8%	9%	0% *	-6%	*

*(ALL T , , EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF		OF	TIME		MAX	OF		*
*-----		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLS		*
*PREVIOUS QTR 10/85 THRU 12/85	851	1.0		.4	872.1		24.0	2.7		*
*CURRENT QTR 10/86 THRU 12/86	1037	1.3		1.1	1371.5		24.0	3.3		*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	4585	1.3		.8	6174.1		24.0	3.9		*
*CURRENT YEAR 1/86 THRU 12/86	5059	1.6		1.2	8214.2		482.9	2.4		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

INNER HRBR NAVIGATION CANL LK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

PAGE 6

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	2616	2	60	*	3401	52	*	1717	97	1 * 2849 *
* DOWNBOUND	2848	8	55	*	3565	53	*	1780	96	2 * 3242 *
* TOTAL	5464	5	57	*	6966	52	*	3497	96	1 * 6091 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	1427	2	57	*	2274	43	*	1026	96	2 * 1557 *
* DOWNBOUND	1504	5	55	*	2533	61	*	1111	96	1 * 2703 *
* TOTAL	2931	4	56	*	4807	52	*	2137	96	1 * 4260 *

*>>>> PERCENT CHANGE <<<<<	-46%	-57%	-47%	*	-30%	-30%	*	-38%	-38%	-29% * -30% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	10962	3	59	*	14381	47	*	7029	96	1 * 10186 *
* DOWNBOUND	11015	5	58	*	14442	56	*	7209	95	2 * 13819 *
* TOTAL	21977	4	58	*	28823	51	*	14238	96	1 * 24005 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	9317	2	58	*	13636	45	*	6218	97	1 * 9364 *
* DOWNBOUND	9446	6	58	*	14406	59	*	6566	96	2 * 15027 *
* TOTAL	18763	4	58	*	28042	53	*	12784	96	1 * 24391 *

*>>>> PERCENT CHANGE <<<<<	-14%	-9%	-15%	*	-2%	-0%	*	-10%	-9%	-3% * 1% *

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF			*
*-----		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*
*PREVIOUS QTR 10/85 THRU 12/85	3105	8.1	8.0		25352.1	62.1	1.0			*
*CURRENT QTR 10/86 THRU 12/86	1617	24.8	24.3		40193.0	163.7	1.0			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	12704	8.5	8.3		108420.5	69.6	1.0			*
*CURRENT YEAR 1/86 THRU 12/86	10804	15.1	14.9		164133.6	163.7	5.1			*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

ALGIERS LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	1664	0	73 *	2640	66	* 1300	90	0 *	3054	*	
* DOWNBOUND	1967	1	78 *	3768	43	* 1640	92	0 *	2729	*	
* TOTAL	3631	0	76 *	6408	52	* 2940	91	0 *	5783	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	954	0	76 *	1705	69	* 816	95	0 *	2215	*	
* DOWNBOUND	1130	1	80 *	2397	40	* 1075	97	0 *	1735	*	
* TOTAL	2084	1	78 *	4102	52	* 1891	96	0 *	3950	*	

*>>>> PERCENT CHANGE <<<<<	-42%	-40%	-40% *	-35%	-36%	* -35%	-32%	-26%	* -31%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	6565	2	72 *	10618	65	* 5148	91	0 *	12473	*	
* DOWNBOUND	7990	4	73 *	14376	45	* 6629	92	0 *	10915	*	
* TOTAL	14555	3	73 *	24994	53	* 11777	91	0 *	23388	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	5467	0	78 *	9855	66	* 4776	91	0 *	12309	*	
* DOWNBOUND	6478	1	79 *	12767	45	* 6124	93	0 *	10698	*	
* TOTAL	11945	1	78 *	22622	54	* 10900	92	0 *	23007	*	

*>>>> PERCENT CHANGE <<<<<	-17%	-73%	-11% *	-9%	-8%	* -7%	-6%	-10%	* -1%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
*-----	TOWS	OF		OF		TIME	MAX	OF		*	
* F O U R T H Q U A R T E R		TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*	

*PREVIOUS QTR 10/85 THRU 12/85	2704	3.9		3.8		10729.6	23.2	1.9		*	
*CURRENT QTR 10/86 THRU 12/86	1609	3.3		3.3		5452.1	17.8	3.1		*	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85	10413	3.1		3.1		33278.7	37.6	2.2		*	
*CURRENT YEAR 1/86 THRU 12/86	9236	3.2		3.1		29888.6	23.8	3.0		*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

HARVEY LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTOWS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	1378	6	41	* 913	45	* 1086	94	3	* 435	*
* DOWNBOUND	1140	2	46	* 738	38	* 897	95	1	* 279	*
* TOTAL	2518	4	43	* 1651	42	* 1983	95	2	* 714	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	903	11	35	* 518	42	* 738	94	4	* 222	*
* DOWNBOUND	732	4	46	* 529	36	* 604	96	2	* 207	*
* TOTAL	1635	8	40	* 1047	39	* 1342	95	3	* 429	*

*>>>> PERCENT CHANGE <<<<<	-35%	12%	-39%	* -36%	-40%	* 32%	-32%	17%	* -39%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	6469	8	38	* 3939	45	* 4957	93	4	* 1940	*
* DOWNBOUND	5428	5	43	* 3419	42	* 4113	94	3	* 1572	*
* TOTAL	11897	7	40	* 7358	44	* 9070	93	4	* 3512	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	5561	10	41	* 3690	44	* 4364	94	4	* 1705	*
* DOWNBOUND	4831	5	48	* 3737	43	* 3833	95	3	* 1926	*
* TOTAL	10392	8	44	* 7427	44	* 8197	94	3	* 3631	*

*>>>> PERCENT CHANGE <<<<<	-12%	-3%	-4%	* 0%	1%	* -9%	-8%	-23%	* 3%	*

* (ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED	OF	OF			TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	1039	.4	.4			479.0	5.2	.4		*
*CURRENT QTR 10/86 THRU 12/86	630	.3	.3			231.2	3.6	.5		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	4582	.4	.4			2196.9	8.2	.5		*
*CURRENT YEAR 1/86 THRU 12/86	4303	.7	.6			3175.7	16.0	.8		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

BAYOU BOEUF LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	3768	4	58 *	3727	63	* 1808	33	0 *	3079	*
* D O W N B O U N D	4191	3	63 *	4892	46	* 2127	34	0 *	2915	*
* T O T A L	7959	3	61 *	8619	53	* 3935	34	0 *	5994	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	1988	7	54 *	2132	65	* 871	82	0 *	2049	*
* D O W N B O U N D	2259	5	58 *	3004	43	* 1050	81	0 *	1877	*
* T O T A L	4247	6	56 *	5136	52	* 1921	81	0 *	3926	*

*>>>> PERCENT CHANGE <<<<<	-46%	-4%	-50% *	-40%	-41%	* -51%	16%	0%	* -34%	*

* Y E A R T O D A T E				*		*			*	*
*.....				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	15667	2	59 *	16031	61	* 7563	36	0 *	13056	*
* D O W N B O U N D	17299	2	62 *	20114	48	* 8643	37	0 *	12083	*
* T O T A L	32966	2	61 *	36145	54	* 16206	37	0 *	25139	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	11357	6	58 *	12706	62	* 5527	49	0 *	11394	*
* D O W N B O U N D	12729	5	60 *	16117	47	* 6451	50	0 *	12220	*
* T O T A L	24086	5	59 *	28823	54	* 11978	49	0 *	23614	*

*>>>> PERCENT CHANGE <<<<<	-26%	68%	-28% *	-20%	-20%	* -26%	-0%	0%	* -6%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*.....										*
* F O U R T H Q U A R T E R	DELATED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
	TOWS		OF	OF		TIME	MAX	OF		*
			DELATED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSL		*
*PREVIOUS QTR 10/85 THRU 12/85	3691		.7	.5		2746.3	11.3	3.1		*
*CURRENT QTR 10/86 THRU 12/86	2034		.4	.3		889.3	7.9	.5		*

* Y E A R T O D A T E										*
*.....										*
*PREVIOUS YEAR 1/85 THRU 12/85	14250		.6	.4		9446.4	24.0	2.3		*
*CURRENT YEAR 1/86 THRU 12/86	11930		.4	.3		5691.5	21.1	1.7		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

VERMILLION LOCK
 GULF INTRACOASTAL
 B2 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*----- TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R      (%) (%) *      (%) *      (%) (%) *      *
*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E      * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 * * * *
* U P B O U N D      1806 1 85 * 4075 56 * 1480 60 1 * 4292 *
* D O W N B O U N D  1804 0 85 * 4028 60 * 1496 60 1 * 4362 *
* T O T A L          3610 0 85 * 8103 58 * 2976 60 1 * 8654 *
*CURRENT YEAR 1/86 THRU 12/86 NO DATA FOR THIS LOCK * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<< -100% -100% -100% * -100% -100% * -100% -100% -100% * -100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)      AVG DELAY      AVG DELAY      TOTAL DELAY      DELAY      AVG STALL *
*----- DELAYED OF OF TIME MAX OF *
* F O U R T H   Q U A R T E R      TOWS DELAYED TOWS ALL TOWS (TOWS) (ALL VSL) STALLED VSLs *
*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E      * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 3071 2.3 2.3 7180.5 46.6 4.5 *
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 APR MAY JUN JUL AUG SEP OCT NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC
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CALCASTIEU LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	1902	1	87	* 4334	59	* 1645	14	0	* 5467	*
* DOWNBOUND	1895	1	85	* 4151	58	* 1613	12	0	* 4731	*
* TOTAL	3797	1	86	* 8485	58	* 3258	13	0	* 10198	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	1438	3	82	* 3066	58	* 1122	46	0	* 3454	*
* DOWNBOUND	1416	1	82	* 3061	56	* 1090	48	0	* 3107	*
* TOTAL	2854	2	82	* 6127	57	* 2212	47	0	* 6561	*

*>>>> PERCENT CHANGE <<<<<	-24%	3%	-28%	* -27%	-29%	* -32%	135%	40%	* -35%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	8209	1	85	* 18407	56	* 6453	48	0	* 20292	*
* DOWNBOUND	8197	2	85	* 18198	60	* 6438	46	0	* 19938	*
* TOTAL	16406	2	85	* 36605	58	* 12891	47	0	* 40230	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	7441	2	86	* 17190	57	* 5770	57	0	* 18930	*
* DOWNBOUND	7315	1	87	* 16950	58	* 5726	57	0	* 18713	*
* TOTAL	14756	2	86	* 34140	58	* 11496	57	0	* 37643	*

*>>>> PERCENT CHANGE <<<<<	-10%	-6%	-9%	* -6%	-7%	* -10%	8%	17%	* -6%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY		AVG DELAY	TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF		OF	TIME	MAX	OF		*
*-----			DELAYED TOWS		ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	3283		1.4		1.4	4912.0	23.9	3.8		*
*CURRENT QTR 10/86 THRU 12/86	2352		.5		.5	1293.1	19.0	1.1		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	14080		1.3		1.3	18639.8	23.9	3.5		*
*CURRENT YEAR 1/86 THRU 12/86	12811		1.8		1.8	23623.8	23.9	5.1		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

SCHOONER BAYOU CONTROL STRUCT
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85										*
* U P B O U N D	230	8	53 *	151	71	* 209	24	8 *	35	*
* D O W N B O U N D	203	8	56 *	131	82	* 186	28	6 *	35	*
* T O T A L	433	8	54 *	282	76	* 395	26	7 *	70	*
*CURRENT QTR 10/86 THRU 12/86										*
* U P B O U N D	258	39	12 *	37	69	* 151	43	22 *	5	*
* D O W N B O U N D	252	38	5 *	17	64	* 153	44	26 *	4	*
* T O T A L	510	39	8 *	56	67	* 304	44	24 *	9	*
*-----										
*>>>> PERCENT CHANGE <<<<<	17%	437%	-81% *	-80%	-82%	* -23%	28%	146%	* -87%	*
*-----										
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85										*
* U P B O U N D	1658	33	33 *	702	61	* 1319	42	23 *	172	*
* D O W N B O U N D	1520	31	35 *	637	76	* 1216	45	21 *	224	*
* T O T A L	3178	32	34 *	1339	68	* 2535	43	22 *	396	*
*CURRENT YEAR 1/86 THRU 12/86										*
* U P B O U N D	1660	47	13 *	283	62	* 1212	51	37 *	120	*
* D O W N B O U N D	1592	46	11 *	247	66	* 1191	53	37 *	81	*
* T O T A L	3252	47	12 *	530	64	* 2403	52	37 *	201	*
*-----										
*>>>> PERCENT CHANGE <<<<<	2%	49%	-62% *	-60%	-63%	* -5%	14%	56%	* -49%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF		OF		TIME	MAX	OF		*
*-----		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*
*PREVIOUS QTR 10/85 THRU 12/85	166	.0		.0		9.1	.3	18.9		*
*CURRENT QTR 10/86 THRU 12/86	42	.2		.2		9.3	1.6	.0		*
*-----										
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	891	.0		.0		64.8	.3	22.8		*
*CURRENT YEAR 1/86 THRU 12/86	381	.1		.1		50.9	1.6	.0		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC										

CATFISH POINT CONTROL STRUCT
 GULF INTRACOASTAL
 82 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *	
*.....									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	146	28	65 *	129	81 *	158	6	21 *	129 *
* D O W N B O U N D	145	22	68 *	131	22 *	155	9	16 *	15 *
* T O T A L	291	25	67 *	260	51 *	313	7	18 *	144 *
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	470	81	12 *	73	84 *	293	2	60 *	91 *
* D O W N B O U N D	468	80	11 *	68	19 *	307	2	56 *	7 *
* T O T A L	938	81	11 *	141	53 *	600	2	58 *	98 *
*.....									
*>>>> PERCENT CHANGE <<<<<	222%	931%	-42% *	-45%	-44% *	91%	-33%	494% *	-31% *
*.....									
* Y E A R T O D A T E									
*.....									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	793	33	51 *	599	79 *	787	26	23 *	488 *
* D O W N B O U N D	780	34	51 *	590	24 *	777	30	22 *	63 *
* T O T A L	1573	34	51 *	1189	52 *	1564	28	23 *	551 *
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	1895	74	18 *	472	79 *	1165	24	49 *	520 *
* D O W N B O U N D	2232	69	15 *	471	26 *	1210	22	51 *	77 *
* T O T A L	4127	71	16 *	943	52 *	2375	23	50 *	597 *
*.....									
*>>>> PERCENT CHANGE <<<<<	162%	450%	-14% *	-20%	-19% *	51%	27%	231% *	8% *
*.....									
*(ALL TIMES EXPRESSED IN HOURS)									
*.....									
* F O U R T H Q U A R T E R	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
*.....	TOWS	OF	OF	TIME	MAX	OF			
*.....		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	195	.0	.0	10.1	.3	.0			
*CURRENT QTR 10/86 THRU 12/86	112	.3	.3	43.1	24.0	.0			
*.....									
* Y E A R T O D A T E									
*.....									
*PREVIOUS YEAR 1/85 THRU 12/85	805	.0	.0	50.7	2.0	6.6			
*CURRENT YEAR 1/86 THRU 12/86	691	.3	.3	250.0	144.2	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

CALCASIEU SALT WATER BARRIER
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
	(%)	(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	630	93	3	* 26	38	* 432	61	91	* 7
* DOWNBOUND	638	94	3	* 25	76	* 429	60	91	* 28
* TOTAL	1268	94	3	* 51	56	* 861	61	91	* 35
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	645	94	2	* 17	41	* 322	38	87	* 7
* DOWNBOUND	636	94	3	* 21	47	* 326	36	88	* 17
* TOTAL	1281	94	2	* 38	44	* 648	37	87	* 24
*>>>> PERCENT CHANGE <<<<<	1%	1%	7%	* -25%	-41%	* 24%	53%	-27%	* -31%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	10081	98	0	* 92	35	* 2460	33	94	* 32
* DOWNBOUND	10064	98	0	* 91	71	* 2476	32	94	* 105
* TOTAL	20145	98	0	* 183	53	* 4936	33	94	* 137
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	10156	98	0	* 90	25	* 2510	28	93	* 23
* DOWNBOUND	10150	98	0	* 102	67	* 2520	27	93	* 118
* TOTAL	20306	98	0	* 192	47	* 5030	27	93	* 141
*>>>> PERCENT CHANGE <<<<<	0%	0%	6%	* 4%	-6%	* 1%	-14%	1%	* 2%
* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	39	.0	.0	3.4	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	36	.0	.0	2.8	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	160	.0	.0	14.4	.7	.2			
*CURRENT YEAR 1/86 THRU 12/86	171	.1	.1	17.4	10.3	1.1			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

LELAND BOWMAN LOCK
GULF INTRACOASTAL
B2 NEW ORLEANS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	1890	0	93	* 4625	63	* 1853	9	1	* 6915
* D O W N B O U N D	1896	0	93	* 4503	54	* 1828	10	0	* 5121
* T O T A L	3786	0	93	* 9128	59	* 3681	9	1	* 12036
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	1240	1	94	* 3065	62	* 1116	35	1	* 3610
* D O W N B O U N D	1270	0	92	* 3147	52	* 1152	33	0	* 2843
* T O T A L	2510	0	93	* 6212	57	* 2268	34	1	* 6453
*>>>> PERCENT CHANGE <<<<<	-33%	525%	-33%	* -31%	-33%	* -38%	117%	-46%	* -46%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	6149	0	89	* 14493	60	* 5268	29	1	* 20210
* D O W N B O U N D	6218	1	89	* 14523	54	* 5271	29	1	* 16341
* T O T A L	12367	0	89	* 29016	57	* 10539	29	1	* 36551
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	7120	0	92	* 17642	60	* 6277	42	0	* 20219
* D O W N B O U N D	7112	0	93	* 17638	55	* 6231	42	0	* 17916
* T O T A L	14232	0	92	* 35280	58	* 12508	42	0	* 38135
*>>>> PERCENT CHANGE <<<<<	15%	15%	19%	* 21%	22%	* 18%	67%	-11%	* 4%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	3532	.7	.7	2777.7	54.4	5.7			
*CURRENT QTR 10/86 THRU 12/86	2341	.3	.3	759.6	6.1	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	11030	.7	.7	8581.6	54.4	5.6			
*CURRENT YEAR 1/86 THRU 12/86	13202	.6	.6	8923.6	48.9	4.5			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

OLD RIVER LOCK
 OLD RIVER
 82 NEW ORLEANS
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTOWS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	341	0	77	* 887	25	* 376	82	0	* 403
* DOWNBOUND	318	2	79	* 818	70	* 345	79	2	* 836
* TOTAL	659	1	78	* 1705	47	* 721	80	1	* 1239
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	172	1	83	* 474	39	* 204	80	0	* 372
* DOWNBOUND	127	1	77	* 339	67	* 154	75	0	* 330
* TOTAL	299	1	81	* 813	50	* 358	78	0	* 702
*>>>> PERCENT CHANGE <<<<<	-54%	-58%	-52%	* -52%	-48%	* -50%	-52%	-70%	* -43%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	1318	4	75	* 3394	27	* 1511	75	2	* 1747
* DOWNBOUND	1202	5	74	* 2913	69	* 1392	72	3	* 3142
* TOTAL	2520	4	75	* 6307	46	* 2903	74	2	* 4889
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	1213	3	77	* 3101	35	* 1368	79	2	* 2262
* DOWNBOUND	985	5	75	* 2492	64	* 1157	74	3	* 2323
* TOTAL	2198	4	76	* 5593	48	* 2525	77	2	* 4585
*>>>> PERCENT CHANGE <<<<<	-12%	-16%	-11%	* -11%	-8%	* -13%	-9%	-12%	* -6%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	514	.1	.1	83.7	4.7	2.6			
*CURRENT QTR 10/86 THRU 12/86	243	.1	.1	46.7	1.4	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1876	.1	.1	363.6	4.7	1.6			
*CURRENT YEAR 1/86 THRU 12/86	1680	.2	.2	358.8	312.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 DEC

KASKASKIA RIVER NAVIGATION LK
KASKASKIA RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	361	11	69	*	797	23	*	351	90	9 * 223
* DOWNBOUND	385	11	60	*	778	77	*	375	90	9 * 902
* TOTAL	746	11	64	*	1575	50	*	726	90	9 * 1125
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	193	8	68	*	463	0	*	192	91	8 * 0
* DOWNBOUND	214	10	59	*	492	98	*	222	90	9 * 723
* TOTAL	407	9	63	*	955	50	*	414	91	8 * 723

*>>> PERCENT CHANGE <<<<<	-45%	-53%	-46%	*	-39%	-38%	*	-42%	-42%	-45% * -35%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2158	52	35	*	2668	14	*	1571	65	33 * 385
* DOWNBOUND	2178	50	33	*	2641	87	*	1622	65	33 * 3390
* TOTAL	4336	51	34	*	5309	50	*	3193	65	33 * 3775
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1883	47	39	*	2713	18	*	1437	68	31 * 609
* DOWNBOUND	1931	46	37	*	2781	81	*	1530	68	31 * 3345
* TOTAL	3814	47	38	*	5494	50	*	2967	68	31 * 3954

*>->> PERCENT CHANGE <<<<<	-12%	-19%	-2%	*	3%	2%	*	-7%	-3%	-14% * 4%

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL		*
	TOWS	OF		OF	TIME		MAX	OF		*
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	47	.3		.0	15.5		2.3	1.4		*
*CURRENT QTR 10/86 THRU 12/86	10	.2		.0	2.6		.5	89.6		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	138	.2		.0	34.2		2.3	1.2		*
*CURRENT YEAR 1/86 THRU 12/86	101	.2		.0	25.8		.8	33.9		*

LOCK & DAM 24
MISSISSIPPI RIVER
83 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
*-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	375	8	75	* 2682	52	* 517	95	4	* 2089	*
* D O W N B O U N D	444	16	77	* 3416	90	* 652	90	8	* 4359	*
* T O T A L	819	12	76	* 6098	73	* 1169	92	6	* 6448	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	372	1	88	* 3182	44	* 549	98	0	* 2167	*
* D O W N B O U N D	467	8	87	* 4472	90	* 750	95	4	* 5712	*
* T O T A L	839	5	87	* 7654	71	* 1299	96	2	* 7879	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	2%	-56%	17%	* 25%	22%	* 11%	16%	55%	* 22%	*
*-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1958	30	63	* 13699	42	* 2493	87	10	* 8622	*
* D O W N B O U N D	2007	32	63	* 13185	93	* 2552	85	12	* 17478	*
* T O T A L	3965	31	63	* 26884	67	* 5045	86	11	* 26100	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1989	27	67	* 13829	46	* 2497	89	9	* 9463	*
* D O W N B O U N D	2103	30	66	* 14255	92	* 2709	88	10	* 18698	*
* T O T A L	4092	29	66	* 28084	69	* 5206	88	10	* 28161	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	3%	-4%	8%	* 4%	7%	* 3%	5%	-10%	* 7%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	382	2.3	1.4	890.6	15.6	2.4				
*CURRENT QTR 10/86 THRU 12/86	529	3.4	2.5	1847.9	140.8	12.0				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	1610	2.8	1.8	4596.6	89.8	3.0				
*CURRENT YEAR 1/86 THRU 12/86	1728	2.7	1.7	4799.5	140.8	5.7				

LOCK & DAM 25
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTH	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTH	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	421	11	67	*	2698 52	*	553 93	4	* 2081
* DOWNBOUND	498	20	69	*	3455 89	*	668 89	7	* 4397
* TOTAL	919	16	68	*	6153 73	*	1221 91	6	* 6478
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	414	1	79	*	3204 44	*	580 97	0	* 2156
* DOWNBOUND	526	11	77	*	4488 90	*	781 95	3	* 5742
* TOTAL	940	7	78	*	7692 71	*	1361 96	2	* 7898
*>>>> PERCENT CHANGE <<<<<	2%	-55%	17%	*	25% 21%	*	11% 17%	-58%	* 21%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	2572	45	48	*	13719 42	*	2695 82	15	* 8649
* DOWNBOUND	2596	46	48	*	13212 93	*	2698 81	16	* 17459
* TOTAL	5168	45	48	*	26931 67	*	5393 81	15	* 26108
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	2674	42	49	*	13840 46	*	2761 83	15	* 9463
* DOWNBOUND	2798	44	49	*	14261 92	*	2923 82	15	* 18696
* TOTAL	5472	43	49	*	28101 69	*	5684 83	15	* 28159
*>>>> PERCENT CHANGE <<<<<	5%	0%	8%	*	4% 7%	*	5% 6%	4%	* 7%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
	DELAYED	OF	OF		TIME	MAX	OF		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		
*PREVIOUS QTR 10/85 THRU 12/85	625	1.1	1.1		706.8	19.6	2.3		
*CURRENT QTR 10/86 THRU 12/86	733	2.7	2.7		2013.2	82.6	8.2		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2477	2.0	1.9		5000.8	111.6	5.3		
*CURRENT YEAR 1/86 THRU 12/86	2700	1.5	1.5		4218.5	82.6	4.0		

LOCK & DAM 26
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	628	0	94	* 6924	46	* 1068	99	0	* 4860
* D O W N B O U N D	687	0	97	* 7617	91	* 1193	99	0	* 9975
* T O T A L	1315	0	96	* 14541	70	* 2261	99	0	* 14835
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	531	0	96	* 6820	47	* 977	99	0	* 4722
* D O W N B O U N D	638	2	96	* 7954	90	* 1169	99	0	* 10171
* T O T A L	1169	1	96	* 14774	70	* 2146	99	0	* 14893
*>>>> PERCENT CHANGE <<<<<	-11%	0%	-11%	* 1%	1%	* -5%	-5%	0%	* 0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	2478	0	95	* 27295	43	* 4243	99	0	* 17796
* D O W N B O U N D	2527	0	96	* 26836	91	* 4331	99	0	* 35019
* T O T A L	5005	0	96	* 54131	67	* 8574	99	0	* 52815
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	2431	0	97	* 28072	48	* 4227	99	0	* 20459
* D O W N B O U N D	2541	0	97	* 28242	90	* 4398	99	0	* 36209
* T O T A L	4972	0	97	* 56314	69	* 8625	99	0	* 56668
*>>>> PERCENT CHANGE <<<<<	-0%	-38%	0%	* 4%	7%	* 0%	0%	-60%	* 7%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	OF	OF	TOTAL DELAY	DELAY	AVG S*ALL			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	TIME (TOWS)	MAX (ALL VSL)	OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	1265	7.3	7.2	9239.8	86.4	2.4			
*CURRENT QTR 10/86 THRU 12/86	1126	14.2	14.2	16094.4	221.2	6.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	4806	5.7	5.7	27846.9	86.4	1.5			
*CURRENT YEAR 1/86 THRU 12/86	4839	6.2	6.2	30190.9	221.2	4.2			

LOCK & DAM 26 AUX 1
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *		
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *			
*.....											
*PREVIOUS QTR 10/85 THRU 12/85				*		*		*			
* UPBOUND	506	8	62 *	839	42	* 605	96	2 *	610		
* DOWNBOUND	728	39	38 *	748	64	* 685	81	17 *	725		
* TOTAL	1234	26	48 *	1587	53	* 1290	88	10 *	1335		
*CURRENT QTR 10/86 THRU 12/86				*		*		*			
* UPBOUND	499	2	77 *	1425	47	* 747	98	0 *	1182		
* DOWNBOUND	667	32	55 *	1453	69	* 813	89	9 *	1459		
* TOTAL	1166	19	64 *	2878	58	* 1560	93	5 *	2641		
*.....											
*>>>> PERCENT CHANGE <<<<<	-5%	-31%	26% *	81%	100%	* 20%	27%	-38% *	97%		
*.....											
* Y E A R T O D A T E				*		*		*			
*.....				*		*		*			
*PREVIOUS YEAR 1/85 THRU 12/85				*		*		*			
* UPBOUND	2252	36	43 *	2558	44	* 2174	82	15 *	2001		
* DOWNBOUND	2599	46	36 *	2595	62	* 2348	77	21 *	2491		
* TOTAL	4851	41	39 *	5153	53	* 4522	79	18 *	4492		
*CURRENT YEAR 1/86 THRU 12/86				*		*		*			
* UPBOUND	2335	32	48 *	2946	46	* 2295	85	13 *	2300		
* DOWNBOUND	2552	40	41 *	2980	60	* 2387	81	16 *	2673		
* TOTAL	4887	36	44 *	5926	53	* 4682	83	15 *	4973		
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	-10%	13% *	15%	15%	* 3%	7%	-14% *	10%		

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
*.....	DELAYED		OF	OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			
*.....											
*PREVIOUS QTR 10/85 THRU 12/85	592		2.2	2.2		1321.9	56.9	2.7			
*CURRENT QTR 10/86 THRU 12/86	749		3.3	3.3		2521.8	166.4	16.9			
*.....											
* Y E A R T O D A T E											
*.....											
*PREVIOUS YEAR 1/85 THRU 12/85	1908		1.4	1.4		2789.2	62.1	3.4			
*CURRENT YEAR 1/86 THRU 12/86	2168		1.6	1.6		3539.8	166.4	8.9			

CHAIN OF ROCKS LOCK & DAM 27
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TOWNAGE *	
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	
* UPBOUND	1380	1	83 *	8710	43	* 1160	97	0 *	5741	*
* DOWNBOUND	1589	13	75 *	9423	89	* 1292	92	6 *	12322	*
* TOTAL	2969	7	79 *	18133	67	* 2452	94	3 *	18063	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	
* UPBOUND	993	0	89 *	8640	45	* 916	99	0 *	5981	*
* DOWNBOUND	1045	3	89 *	9565	88	* 979	98	1 *	12271	*
* TOTAL	2038	1	89 *	18205	68	* 1895	98	0 *	18252	*

*>>>> PERCENT CHANGE <<<<<	-31%	-83%	-22% *	0%	2%	* -22%	-19%	-84% *	1%	*

* Y E A R T O D A T E				*		*			*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	
* UPBOUND	5555	8	78 *	33901	41	* 4634	93	3 *	21601	*
* DOWNBOUND	5807	12	75 *	33392	88	* 4802	92	5 *	43536	*
* TOTAL	11362	10	77 *	67293	64	* 9436	93	4 *	65137	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	
* UPBOUND	4072	3	87 *	32663	46	* 3703	98	1 *	23207	*
* DOWNBOUND	3965	4	87 *	32045	88	* 3656	97	1 *	41304	*
* TOTAL	8037	3	87 *	64708	67	* 7359	97	1 *	64511	*

*>>>> PERCENT CHANGE <<<<<	-29%	-74%	-19% *	-3%	0%	* -22%	-18%	-71% *	-0%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	1897	1.1	.9	2159.0	9.6	1.2				
*CURRENT QTR 10/86 THRU 12/86	1351	.9	.7	1305.1	7.5	36.4				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	6897	1.8	1.4	13091.4	74.6	2.6				
*CURRENT YEAR 1/86 THRU 12/86	4844	.8	.5	4105.5	33.8	10.0				

CHAIN OF ROCKS LK & DM 27 AX1
MISSISSIPPI RIVER
B3 ST LOUIS
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*		(%)	(%) *	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	0	0	0 *	0	0	* 0	0	0 *	0	0 *	
* DOWNBOUND	4	100	0 *	0	0	* 3	0	100 *	0	0 *	
* TOTAL	4	100	0 *	0	0	* 3	0	100 *	0	0 *	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	386	2	72 *	607	27	* 362	95	1 *	235	*	
* DOWNBOUND	599	31	55 *	825	67	* 480	78	17 *	850	*	
* TOTAL	985	19	62 *	1432	50	* 842	85	10 *	1085	*	

*>>>> PERCENT CHANGE <<<<<	525%	775%	0% *	0%	0%	* 966%	0%	900%	0%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1	100	0 *	0	0	* 1	0	100 *	0	*	
* DOWNBOUND	18	100	0 *	0	0	* 11	0	100 *	0	*	
* TOTAL	19	100	0 *	0	0	* 12	0	100 *	0	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1647	26	54 *	2098	33	* 1393	82	13 *	1013	*	
* DOWNBOUND	2103	35	48 *	2659	71	* 1662	77	19 *	2837	*	
* TOTAL	3750	31	51 *	4757	54	* 3055	79	16 *	3850	*	

*>>>> PERCENT CHANGE <<<<<	636%	136%	0% *	0%	0%	* 358%	0%	216%	0%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG STALL		*
*-----	TOWS	OF		OF		TIME		MAX	OF		*
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	0	.0		.0		.0		.0	61.0		*
*CURRENT QTR 10/86 THRU 12/86	255	.2		.1		74.6		1.5	72.2		*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	0	.0		.0		.0		.0	61.0		*
*CURRENT YEAR 1/86 THRU 12/86	792	1.9		.8		1564.0		52.9	193.5		*

JONESVILLE LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85										*
* UPBOUND	37	0	83 *	102	36 *	43	72	0 *	68	*
* DOWNBOUND	37	10	86 *	102	68 *	43	72	4 *	99	*
* TOTAL	74	5	85 *	204	52 *	86	72	2 *	167	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100% *	-100%	-100% *	-100%	-100%	-100% *	-100%	*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85										*
* UPBOUND	196	20	64 *	405	47 *	270	66	9 *	349	*
* DOWNBOUND	183	22	68 *	394	57 *	272	65	8 *	320	*
* TOTAL	379	21	66 *	799	52 *	542	65	8 *	669	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100% *	-100%	-100% *	-100%	-100%	-100% *	-100%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	7	.2	.0	1.4	.6	.0				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	45	.2	.0	13.4	2.3	.0				

COLUMBIA LOCK & DAM
OUCHITA/BLACK RIV
84 VICKSBURG
LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	10	10	90	*	22 81	*	12 75	8	*	24	*
* DOWNBOUND	10	10	80	*	19 31	*	12 75	8	*	8	*
* TOTAL	20	10	85	*	41 58	*	24 75	8	*	32	*
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	*	-100% -100%	*	-100% -100%	-100%	*	-100%	*
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	106	48	44	*	133 87	*	101 62	25	*	160	*
* DOWNBOUND	92	47	41	*	109 19	*	97 56	25	*	32	*
* TOTAL	198	47	42	*	242 56	*	198 59	25	*	192	*
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	*	-100% -100%	*	-100% -100%	-100%	*	-100%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF		TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS				
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	1	.0	.0		.0	.0	.0				
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	4	.0	.0		.2	.0	.4				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB											

FELSENTHAL LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      TOTAL  RECRTN  TOWS * TOTAL  LOADED * TOTAL  COMMER  RECRTN * KTONS *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85      *
*      U P B O U N D      125   98    1 *    2   50 *    107    1    95 *    0 *
*      D O W N B O U N D    115   99    0 *    1  100 *    101    0    96 *    1 *
*      T O T A L          240   98    1 *    3   66 *    208    1    95 *    1 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<    -100%  -100%  -100% * -100%  -100% * -100%  -100%  -100% * -100% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E      *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85      *
*      U P B O U N D      1087   91    5 *    74   91 *    729    11    86 *    65 *
*      D O W N B O U N D   1136   90    5 *    85   32 *    802    10    86 *    20 *
*      T O T A L          2223   90    5 *   159   60 *   1531    11    86 *    85 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<    -100%  -100%  -100% * -100%  -100% * -100%  -100%  -100% * -100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*      D E L A Y E D      A V G D E L A Y      A V G D E L A Y      T O T A L D E L A Y      D E L A Y      A V G S T A L L
*      T O W S            O F                    O F                    T I M E            M A X            O F
* F O U R T H   Q U A R T E R      T O W S      D E L A Y E D T O W S      A L L T O W S      ( T O W S )      ( A L L V S L ) S T A L L E D V S L S
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85      3            .0            .0            .2            .2            .0
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E      *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85      114            .0            .0            5.6            .3            2.0
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CALION LOCK & DAM
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	46	60	28	* 16	93	* 39	41	53	* 5
* D O W N B O U N D	50	66	28	* 17	41	* 46	36	58	* 2
* T O T A L	96	63	28	* 33	66	* 85	38	56	* 7
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	* -100%	-100%	* -100%	-100%	-100%	* -100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	432	92	5	* 30	83	* 349	7	84	* 9
* D O W N B O U N D	432	92	6	* 33	57	* 361	6	84	* 10
* T O T A L	864	92	5	* 63	69	* 710	7	84	* 19
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	* -100%	-100%	* -100%	-100%	-100%	* -100%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	27	.0	.0	1.5	.3	.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	49	.0	.0	2.4	.3	.4			

LOCK & DAM 6
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
* ..... TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R      (%) (%) *      (%) *      (%) (%) *      (%) *
* .....
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK *
* .....
*>>>> PERCENT CHANGE <<<<<      0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
* .....
* Y E A R   T O   D A T E              *      *      *      *
* .....
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK *
* .....
*>>>> PERCENT CHANGE <<<<<      0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*****

*(ALL TIMES EXPRESSED IN HOURS)      AVG DELAY      AVG DELAY      TOTAL DELAY DELAY      AVG STALL *
* ..... DELAYED      OF      OF      TIME      MAX      OF      *
* F O U R T H   Q U A R T E R      TOWS      DELAYED TOWS      ALL TOWS      (TOWS)      (ALL VSL) STALLED VSLs *
* .....
* Y E A R   T O   D A T E              *      *      *      *
* .....
*****
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LOCK & DAM 8
 OUCHITA/BLACK RIV
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      ( %)  ( %)  ( %)  ( %)  ( %)  ( %)  ( %)  ( %)  ( %)  ( %)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<      0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E                      *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<      0%   0%   0% *   0%   0% *   0%   0%   0% *   0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*(ALL TIMES EXPRESSED IN HOURS)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      T O W S   D E L A Y   A V G D E L A Y   T O T A L D E L A Y   D E L A Y   A V G S T A L L
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
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RED RIVER LOCK & DAM #1
 RED RIVER
 B4 VICKSBURG
 LOWER MISS VALLEY DIVISION

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*****
* QUARTERLY REPORT
*-----
* F O U R T H   Q U A R T E R
*-----
*PREVIOUS QTR 10/85 THRU 12/85
*
*      U P B O U N D      75      4      80 *      157      96 *      78      93      2 *      185 *
*      D O W N B O U N D      70      4      58 *      139      5 *      74      93      2 *      3 *
*      T O T A L      145      4      69 *      296      53 *      152      93      2 *      188 *
*-----
* >>>> PERCENT CHANGE <<<<<      -100%      -100%      -100% *      -100%      -100% *      -100%      -100%      -100% *
*-----
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85
*
*      U P B O U N D      550      1      80 *      1120      97 *      582      91      1 *      1346 *
*      D O W N B O U N D      549      2      67 *      1085      4 *      585      89      1 *      23 *
*      T O T A L      1099      2      74 *      2205      51 *      1167      90      1 *      1369 *
*-----
* >>>> PERCENT CHANGE <<<<<      -100%      -100%      -100% *      -100%      -100% *      -100%      -100%      -100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----
* F O U R T H   Q U A R T E R
*-----
*PREVIOUS QTR 10/85 THRU 12/85
*
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85

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NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP

DO DIVISION OFFICE, NED
NEW ENGLAND DIVISION

PAGES 31-33

*
*
* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86:
*
* CHARLES RIVER LOCKS & DAM - CHARLES RIVER
* CHARLES RIVER LOCKS & DAM AUX 1 - CHARLES RIVER
* CHARLES RIVER LOCKS & DAM AUX 2 - CHARLES RIVER
*
*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

TROY LOCK & DAM
HUDSON RIVER
E3 NEW YORK
NORTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	148	70	26	* 42	100	* 142	38	54	* 86
* DOWNBOUND	387	87	10	* 42	0	* 303	18	77	* 0
* TOTAL	535	82	15	* 84	50	* 445	24	70	* 86
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	159	69	24	* 44	100	* 166	40	45	* 77
* DOWNBOUND	431	88	10	* 46	8	* 334	20	72	* 3
* TOTAL	590	83	14	* 90	53	* 500	27	63	* 80
*>>>> PERCENT CHANGE <<<<<<	10%	11%	4%	* 7%	14%	* 12%	24%	1%	* -6%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2336	93	6	* 153	92	* 1458	30	66	* 297
* DOWNBOUND	2423	93	5	* 131	1	* 1526	23	73	* 2
* TOTAL	4759	93	5	* 284	50	* 2984	26	70	* 299
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2650	94	4	* 141	99	* 1609	12	81	* 288
* DOWNBOUND	2696	94	4	* 135	4	* 1621	11	81	* 8
* TOTAL	5346	94	4	* 276	52	* 3230	11	81	* 296
*>>>> PERCENT CHANGE <<<<<<	12%	13%	-3%	* -2%	1%	* 8%	-52%	25%	* -1%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
		OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	48	.0	.0	4.4	.4	.0			
*CURRENT QTR 10/86 THRU 12/86	50	.1	.0	5.0	2.0	1.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	151	.1	.0	17.2	1.8	.7			
*CURRENT YEAR 1/86 THRU 12/86	160	.1	.0	19.3	1552.0	.9			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR DEC

GREAT BRIDGE GUARD LOCK
ATLANT INTRACOASTAL
E4 NORFOLK
NORTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	495	53	31	*	194	53	*	432	48	38 * 94 *
* DOWNBOUND	3084	92	4	*	178	48	*	954	21	72 * 83 *
* TOTAL	3579	87	8	*	372	51	*	1386	29	62 * 177 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	494	64	28	*	164	54	*	429	38	49 * 99 *
* DOWNBOUND	3742	94	4	*	228	34	*	975	19	76 * 75 *
* TOTAL	4236	91	6	*	392	42	*	1404	25	67 * 174 *

*>>>> PERCENT CHANGE <<<<<	18%	23%	-3%	*	5%	-11%	*	1%	-14%	10% * -1% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	6389	86	10	*	876	50	*	3034	26	65 * 466 *
* DOWNBOUND	6706	86	9	*	873	43	*	2967	26	64 * 360 *
* TOTAL	13095	86	10	*	1749	47	*	6001	26	65 * 826 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	6804	86	9	*	957	40	*	3045	27	64 * 400 *
* DOWNBOUND	7710	88	8	*	1034	34	*	3077	26	65 * 349 *
* TOTAL	14514	87	9	*	1991	37	*	6122	27	64 * 749 *

*>>>> PERCENT CHANGE <<<<<	10%	11%	-2%	*	13%	-9%	*	2%	5%	1% * -9% *

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
* F O U R T H Q U A R T E R	TOWS		OF		OF		TIME	MAX	OF	*
			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	300		.0		.0		21.3	.7	.0	*
*CURRENT QTR 10/86 THRU 12/86	291		.0		.0		18.4	.5	.0	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1340		.0		.0		95.1	.7	2.4	*
*CURRENT YEAR 1/86 THRU 12/86	1306		.0		.0		89.9	.7	2.9	*

DEEP CREEK LOCK
DISMAL SWAMP
E4 NORFOLK
NORTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* U P B O U N D	16	93	6	*	1 0	*	12	8	83	*	0
* D O W N B O U N D	161	98	0	*	0 0	*	89	1	96	*	0
* T O T A L	177	98	0	*	1 0	*	101	1	95	*	0
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* U P B O U N D	1	0	100	*	1 100	*	1	100	0	*	0
* D O W N B O U N D	0	0	0	*	0 0	*	0	0	0	*	0
* T O T A L	1	0	100	*	1 100	*	1	100	0	*	0

*>>>> PERCENT CHANGE <<<<<	-99%	-100%	0%	*	0%	0%	*	-99%	-50%	-100%	* 0%

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* U P B O U N D	180	90	3	*	8 50	*	107	6	84	*	0
* D O W N B O U N D	533	96	0	*	9 66	*	274	2	94	*	0
* T O T A L	713	95	1	*	17 58	*	381	3	91	*	0
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* U P B O U N D	340	98	0	*	3 33	*	183	1	93	*	0
* D O W N B O U N D	209	97	1	*	3 66	*	106	2	92	*	0
* T O T A L	549	98	1	*	6 50	*	289	2	93	*	0

*>>>> PERCENT CHANGE <<<<<	-23%	-20%	-45%	*	-64%	-70%	*	-24%	-53%	-22%	* 0%

* (ALL TIMES EXPRESSED IN HOURS)											
*	DELATED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL			
*	TOWS	OF	OF			TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	1	.0	.0			.0	.1	.0			
*CURRENT QTR 10/86 THRU 12/86	1	.0	.0			.0	.0	.0			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	10	.0	0			.7	.5	.0			
*CURRENT YEAR 1/86 THRU 12/86	6	.0	.0			.5	.2	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR SEP NOV DEC

SOUTH MILLS LOCK
DISMAL SWAMP
E4 NORFOLK
NORTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85										
* U P B O U N D	9	88	11 *	1	0	* 9	11	77 *	0	*
* D O W N B O U N D	157	99	0 *	0	0	* 78	1	97 *	0	*
* T O T A L	166	98	0 *	1	0	* 87	2	95 *	0	*
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK									
*-----										
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100% *	-100%	0%	* -100%	-100%	-100%	* 0%	*
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85										
* U P B O U N D	351	99	0 *	1	0	* 191	1	97 *	0	*
* D O W N B O U N D	305	99	0 *	1	0	* 162	1	95 *	0	*
* T O T A L	656	99	0 *	2	0	* 353	1	96 *	0	*
*CURRENT YEAR 1/86 THRU 12/86										
* U P B O U N D	325	99	0 *	1	0	* 177	0	97 *	0	*
* D O W N B O U N D	186	98	1 *	2	50	* 98	2	95 *	0	*
* T O T A L	511	99	0 *	3	33	* 275	1	97 *	0	*
*-----										
*>>>> PERCENT CHANGE <<<<<	-22%	-22%	50% *	50%	0%	* -22%	-25%	-21%	* 0%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----										
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	1	.0	.0	.0	1.2	.0				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	1	.0	.0	.0	2.5	.5				
*CURRENT YEAR 1/86 THRU 12/86	3	.0	.0	.2	2.1	.0				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 AUG SEP OCT

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR AUG SEP OCT NOV DEC

BLACK ROCK LOCK
BLK ROCK CH/TONAWANDA
F1 BUFFALO
NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT
*-----
* F O U R T H   Q U A R T E R
*-----
*PREVIOUS QTR 10/85 THRU 12/85
*
*      U P B O U N D      284   86   10 *   30   20 *   156   24   68 *   56 *
*      D O W N B O U N D   485   92    6 *   36   77 *   231   15   79 *  168 *
*      T O T A L           769   90    8 *   66   51 *   387   19   75 *  224 *
*CURRENT QTR 10/86 THRU 12/86
*
*      U P B O U N D      134   88    1 *    2   50 *   165   16   70 *    7 *
*      D O W N B O U N D   303   91    4 *   14  100 *   310    9   85 *   92 *
*      T O T A L           437   90    3 *   16   93 *   475   11   80 *   99 *
*-----
*>>>> PERCENT CHANGE <<<<<   -43%   -43%   -74% *   -75%   -55% *   22%   -24%   30% *  -55% *
*-----
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85
*
*      U P B O U N D      6004   98    0 *   57   12 *  1809   26   69 *   65 *
*      D O W N B O U N D   5649   98    1 *   81   82 *  1654    7   89 *  456 *
*      T O T A L          11653   98    1 *  138   53 *  3463   17   79 *  521 *
*CURRENT YEAR 1/86 THRU 12/86
*
*      U P B O U N D      4323   98    0 *   29    3 *  1859   22   73 *    8 *
*      D O W N B O U N D   4339   98    1 *   52   86 *  1938   18   77 *  353 *
*      T O T A L           8662   98    0 *   81   56 *  3797   20   75 *  361 *
*-----
*>>>> PERCENT CHANGE <<<<<   -25%   -25%   -38% *   -41%   -37% *    9%   29%    4% *  -30% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----
*      D E L A Y E D      A V G D E L A Y      A V G D E L A Y      T O T A L D E L A Y      D E L A Y      A V G S T A L L
*      T O W S           O F              O F              T I M E           M A X              O F
* F O U R T H   Q U A R T E R      T O W S      D E L A Y E D T O W S      A L L   T O W S      ( T O W S )      ( A L L V S L ) S T A L L E D V S L S
*-----
*PREVIOUS QTR 10/85 THRU 12/85      20              .0              .0              .4              .2              .0
*CURRENT QTR 10/86 THRU 12/86       1              .0              .0              .0              .5              .0
*-----
*   Y E A R   T O   D A T E
*-----
*PREVIOUS YEAR 1/85 THRU 12/85      30              .0              .0              .6              .8              3.8
*CURRENT YEAR 1/86 THRU 12/86      26              .0              .0              .4              .5              .0
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985  JAN FEB MAR APR
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986  FEB MAR

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CHICAGO LOCK
CHICAGO HARBOR
F2 CHICAGO
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	
*.....											
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* U P B O U N D	365	76	4 *	18	72	* 811	13	17	* 40		
* D O W N B O U N D	2189	96	0 *	14	50	* 1127	3	48	* 33		
* T O T A L	2554	93	1 *	32	62	* 1938	7	35	* 73		
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0%	* 0%	0%	0%	* 0%		
*.....											
* Y E A R T O D A T E			*			*			*		
*.....											
*CURRENT YEAR 1/86 THRU 12/86			*			*			*		
* U P B O U N D	10423	94	0 *	95	77	* 7174	33	30	* 192		
* D O W N B O U N D	10588	94	0 *	96	46	* 6744	28	32	* 131		
* T O T A L	21011	94	0 *	191	62	* 13918	31	31	* 323		
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0%	* 0%	0%	0%	* 0%		

*(ALL TIMES EXPRESSED IN HOURS)											
*.....	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF			
*.....			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			
*.....											
*CURRENT QTR 10/86 THRU 12/86	14		.0	.0		.8	24.0	.0			
*.....											
* Y E A R T O D A T E											
*.....											
*CURRENT YEAR 1/86 THRU 12/86	95		.0	.0		3.6	48.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

F3 DETROIT
NORTH CENTRAL DIVISION

PAGES 40-56

*

*

* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86:

*

* DE PERE LOCK & DAM - FOX RIVER

* LITTLE KAUKAUNA LOCK & DAM - FOX RIVER

* RAPIDE CROCHE LOCK AND DAM - FOX RIVER

* KAUKAUNA LOCK 1 - FOX RIVER

* KAUKAUNA LOCK 2 - FOX RIVER

* KAUKAUNA LOCK 3 - FOX RIVER

* KAUKAUNA LOCK 4 - FOX RIVER

* KAUKAUNA LOCK 5 - FOX RIVER

* LITTLE CHUTE LOCK 2 - FOX RIVER

* LITTLE CHUTE COMB LOCKS UPPER - FOX RIVER

* LITTLE CHUTE COMB LOCKS LOWER - FOX RIVER

* CEDARS LOCK AND DAM - FOX RIVER

* APPLETON LOCK 1 - FOX RIVER

* APPLETON LOCK 2 - FOX RIVER

* APPLETON LOCK 3 - FOX RIVER

* APPLETON LOCK 4 - FOX RIVER

* MENASHA LOCK AND DAM - FOX RIVER

*

*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

ALANSON LOCK
THE INLAND ROUTE
F3 DETROIT
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	15	100	0 *	0	0	* 132	0	100 *	0	*	
* D O W N B O U N D	11	100	0 *	0	0	* 130	0	100 *	0	*	
* T O T A L	26	100	0 *	0	0	* 262	0	100 *	0	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	6	100	0 *	0	0	* 114	0	100 *	0	*	
* D O W N B O U N D	8	100	0 *	0	0	* 125	0	100 *	0	*	
* T O T A L	14	100	0 *	0	0	* 239	0	100 *	0	*	

*>>>> PERCENT CHANGE <<<<<	-46%	-46%	0% *	0%	0%	* -8%	0%	-8% *	0%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	1668	98	0 *	0	0	* 4092	15	115 *	0	*	
* D O W N B O U N D	1590	99	0 *	0	0	* 4012	14	114 *	0	*	
* T O T A L	3258	99	0 *	0	0	* 8104	14	114 *	0	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	1951	99	0 *	0	0	* 4047	0	100 *	0	*	
* D O W N B O U N D	1910	99	0 *	0	0	* 4095	0	100 *	0	*	
* T O T A L	3861	99	0 *	0	0	* 8142	0	100 *	0	*	

*>>>> PERCENT CHANGE <<<<<	18%	18%	0% *	0%	0%	* 0%	-100%	-12% *	0%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF	*				
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				

*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.0	.0	*				
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.0	.0	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.0	.0	*				
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.1	.0	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR NOV DEC

MACARTHUR LOCK
ST MARYS RIVER
F3 DETROIT
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	316	0	97	*	311	21	*	405	89	0 * 923 *
* DOWNBOUND	342	0	94	*	359	90	*	359	86	0 * 5634 *
* TOTAL	658	0	95	*	670	58	*	764	87	0 * 6557 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	361	1	91	*	336	15	*	468	87	0 * 477 *
* DOWNBOUND	404	0	87	*	398	92	*	410	87	0 * 6322 *
* TOTAL	765	1	89	*	734	57	*	878	87	0 * 6799 *

*>>>> PERCENT CHANGE <<<<<	16%	100%	8%	*	9%	7%	*	14%	14%	-100% * 3% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1146	3	94	*	1101	22	*	2180	85	1 * 3198 *
* DOWNBOUND	1177	2	95	*	1244	86	*	1402	77	2 * 19358 *
* TOTAL	2323	2	94	*	2345	56	*	3582	82	1 * 22556 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1117	6	88	*	1007	17	*	2235	90	1 * 1994 *
* DOWNBOUND	1157	4	87	*	1102	89	*	1299	82	4 * 18179 *
* TOTAL	2274	5	87	*	2109	55	*	3534	87	2 * 20173 *

*>>>> PERCENT CHANGE <<<<<	-2%	86%	-9%	*	-10%	-11%	*	-1%	4%	37% * 10% *

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF			TIME	MAX	OF		*
		DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	38	.1	.0			4.7	1.8	.6		*
*CURRENT QTR 10/86 THRU 12/86	59	.1	.0			7.1	4.0	.4		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	171	.2	.0			35.1	3.8	.4		*
*CURRENT YEAR 1/86 THRU 12/86	178	.1	.0			20.7	4.0	.3		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

NEW POE LOCK
ST MARYS RIVER
F3 DETROIT
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	446	0	97	*	447	22	* 486	93	0 *	1346 *
* DOWNBOUND	445	0	97	*	447	85	* 446	93	0 *	14412 *
* TOTAL	891	0	97	*	894	54	* 932	93	0 *	15758 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	495	2	91	*	462	20	* 532	92	0 *	1599 *
* DOWNBOUND	494	1	89	*	465	90	* 487	91	0 *	14631 *
* TOTAL	989	1	90	*	927	55	* 1019	92	0 *	16230 *
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	10%	800%	3%	*	3%	5%	* 9%	7%	0%	* 2%
-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1392	0	97	*	1402	20	* 1883	91	0 *	4087 *
* DOWNBOUND	1344	1	97	*	1344	88	* 1451	88	1 *	47492 *
* TOTAL	2736	1	97	*	2746	53	* 3334	90	1 *	51579 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1391	3	91	*	1304	20	* 1880	94	0 *	4267 *
* DOWNBOUND	1350	2	91	*	1295	89	* 1407	90	2 *	45171 *
* TOTAL	2741	3	91	*	2599	54	* 3287	92	1 *	49438 *
-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	0%	206%	-6%	*	-5%	-3%	* -1%	1%	38%	* -4%

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
-----	DELAYED		OF		OF		TIME	MAX	OF	*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*
-----										*
*PREVIOUS QTR 10/85 THRU 12/85	40		.3		.0		12.1	6.2	.3	*
*CURRENT QTR 10/86 THRU 12/86	47		.2		.0		10.4	4.0	.3	*
-----										*
* Y E A R T O D A T E										*
-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	133		.3		.0		43.6	11.0	.5	*
*CURRENT YEAR 1/86 THRU 12/86	131		.2		.0		38.8	9.4	.5	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

DAVIS LOCK00
ST MARYS RIVER
F3 DETROIT
NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      ( ) ( ) ( ) * ( ) ( ) * ( ) ( ) ( ) * ( ) ( ) *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85      *
*      U P B O U N D              3   0   100 *   3   0 *   5   60   0 *   0 *
*      D O W N B O U N D          3   0   66 *   2   0 *   3   66   0 *   0 *
*      T O T A L                  6   0   83 *   5   0 *   8   62   0 *   0 *
*CURRENT QTR 10/86 THRU 12/86      NO DATA FOR THIS LOCK *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<    -100%   0% -100% * -100%   0% * -100% -100%   0% *   0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E              *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85      *
*      U P B O U N D              4   0   100 *   4   0 *   12   16   0 *   0 *
*      D O W N B O U N D          5   0   80 *   4  25 *   13   30   0 *   5 *
*      T O T A L                  9   0   88 *   8  12 *   25   24   0 *   5 *
*CURRENT YEAR 1/86 THRU 12/86      NO DATA FOR THIS LOCK *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<<    -100%   0% -100% * -100% -100% * -100%  100%   0% *  100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* F O U R T H   Q U A R T E R      DELAYED OF OF TOTAL DELAY DELAY AVG STALL
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85      1 .5 .1 .5 .5 .0 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*   Y E A R   T O   D A T E              *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85      2 .3 .0 .6 .5 .8 *
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR JUN OCT
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR

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SABIN LOCK00
ST MARYS RIVER
F3 DETROIT
NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*----- TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R      (%) (%) *      (%) *      (%) (%) (%) *      *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT YEAR 1/86 THRU 12/86 * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*****
*(ALL TIMES EXPRESSED IN HOURS)
*----- DELAYED OF AVG DELAY OF TOTAL DELAY DELAY AVG STALL *
* F O U R T H   Q U A R T E R TOWS DELAYED TOWS ALL TOWS (TOWS) MAX OF *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR JUN OCT
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC
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THOMAS J O'BRIEN
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	524	27	58	*	880	68	*	467	78
* DOWNBOUND	1222	68	26	*	948	59	*	687	55
* TOTAL	1746	55	36	*	1828	63	*	1154	64
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	534	34	54	*	829	73	*	463	52
* DOWNBOUND	1278	72	23	*	849	48	*	660	15
* TOTAL	1812	61	32	*	1678	60	*	1123	31
*>>>> PERCENT CHANGE <<<<<	3%	14%	-6%	*	-8%	-11%	*	-2%	-53%
* Y E A R T O D A T E				*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*			*		*
* UPBOUND	8832	84	13	*	3259	64	*	3565	38
* DOWNBOUND	8833	84	13	*	3283	56	*	3423	40
* TOTAL	17665	84	13	*	6542	60	*	6988	39
*CURRENT YEAR 1/86 THRU 12/86				*			*		*
* UPBOUND	8878	84	12	*	3457	67	*	3367	36
* DOWNBOUND	8831	84	12	*	3453	53	*	3282	33
* TOTAL	17709	84	12	*	6910	60	*	6649	34
*>>>> PERCENT CHANGE <<<<<	0%	1%	-2%	*	5%	5%	*	-4%	-16%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	107	.2	.0	30.9	5.0	1.6			
*CURRENT QTR 10/86 THRU 12/86	126	.2	.0	33.0	.7	.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	488	.2	.0	124.7	5.0	1.2			
*CURRENT YEAR 1/86 THRU 12/86	548	.2	.0	155.8	4.5	.3			

LOCKPORT LOCK
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*	

*PREVIOUS QTR 10/85 THRU 12/85										*	
* U P B O U N D	624	1	84 *	2496	85 *	575	98	0 *	3198	*	
* D O W N B O U N D	781	20	68 *	2525	35 *	635	91	8 *	1351	*	
* T O T A L	1405	12	75 *	5021	60 *	1210	94	4 *	4549	*	
*CURRENT QTR 10/86 THRU 12/86										*	
* U P B O U N D	555	1	87 *	2404	87 *	551	98	1 *	3132	*	
* D O W N B O U N D	700	20	72 *	2360	31 *	643	78	21 *	1118	*	
* T O T A L	1255	11	79 *	4764	59 *	1194	87	12 *	4250	*	

*>>>> PERCENT CHANGE <<<<<	-10%	-11%	-6% *	-5%	-5% *	-1%	-9%	157% *	-6%	*	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85										*	
* U P B O U N D	2459	16	72 *	8259	82 *	2070	93	6 *	10108	*	
* D O W N B O U N D	2658	21	68 *	8344	36 *	2178	91	8 *	4636	*	
* T O T A L	5117	19	70 *	16603	59 *	4248	92	7 *	14744	*	
*CURRENT YEAR 1/86 THRU 12/86										*	
* U P B O U N D	2563	16	73 *	9404	87 *	2293	92	6 *	12291	*	
* D O W N B O U N D	2727	19	72 *	9366	31 *	2450	86	12 *	4467	*	
* T O T A L	5290	18	72 *	18770	59 *	4743	89	9 *	16758	*	

*>>>> PERCENT CHANGE <<<<<	3%	-1%	6% *	13%	12% *	11%	8%	43% *	13%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*.....	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*.....	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				

*PREVIOUS QTR 10/85 THRU 12/85	894	1.8	1.5	1637.6	24.6	2.5	*				
*CURRENT QTR 10/86 THRU 12/86	769	.9	.7	767.5	11.2	.9	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	2942	1.8	1.5	5474.1	25.1	3.1	*				
*CURRENT YEAR 1/86 THRU 12/86	3116	1.7	1.4	5480.0	32.5	2.3	*				

BRANDON ROAD LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRIN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRIN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	639	2	83	* 2569	84	* 598	98	1	* 3253	*
* DOWNBOUND	759	18	68	* 2555	37	* 647	90	8	* 1445	*
* TOTAL	1398	11	75	* 5124	60	* 1245	94	5	* 4698	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	558	1	87	* 2440	86	* 551	98	1	* 3143	*
* DOWNBOUND	693	21	71	* 2375	32	* 631	78	21	* 1182	*
* TOTAL	1251	12	78	* 4815	60	* 1182	87	12	* 4325	*

*>>>> PERCENT CHANGE <<<<<	-10%	1%	-6%	*	-6%	-6%	* -5%	-12%	118%	* -7%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2738	18	66	* 8522	81	* 2297	90	9	* 10299	*
* DOWNBOUND	2785	20	63	* 8414	39	* 2312	89	10	* 4994	*
* TOTAL	5523	19	64	* 16936	60	* 4609	89	9	* 15293	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2669	20	69	* 9591	86	* 2428	89	9	* 12357	*
* DOWNBOUND	2785	23	68	* 9429	33	* 2463	86	13	* 4738	*
* TOTAL	5454	21	68	* 19020	60	* 4891	87	11	* 17095	*

*>>>> PERCENT CHANGE <<<<<	-1%	9%	4%	*	12%	12%	* 6%	3%	26%	* 11%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED	OF	OF			TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALL D VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	773		1.5		1.1	1230.6	29.5	6.2		*
*CURRENT QTR 10/86 THRU 12/86	675		1.4		.9	953.2	12.1	1.3		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	2658		1.4		1.0	3904.8	29.5	3.2		*
*CURRENT YEAR 1/86 THRU 12/86	2730		1.5		1.0	4097.5	24.0	1.3		*

DRESDEN ISLAND LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	574	13	76 *	2693	82	* 634	93	5	* 3402	*	
* DOWNBOUND	660	25	68 *	2670	41	* 674	87	12	* 1777	*	
* TOTAL	1234	19	72 *	5363	61	* 1308	90	9	* 5179	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	491	8	85 *	2612	85	* 579	90	6	* 3359	*	
* DOWNBOUND	604	25	70 *	2522	37	* 648	71	26	* 1501	*	
* TOTAL	1095	17	77 *	5134	62	* 1227	80	16	* 4860	*	

*>>>> PERCENT CHANGE <<<<<	-11%	-20%	-5% *	-4%	-4%	* -6%	16%	74%	* -6%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2922	42	51 *	8997	79	* 2495	79	19	* 13782	*	
* DOWNBOUND	3033	45	50 *	9025	43	* 2534	78	20	* 6423	*	
* TOTAL	5955	43	50 *	18022	61	* 5029	79	19	* 17205	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	3108	43	52 *	10164	84	* 2690	79	19	* 13052	*	
* DOWNBOUND	3194	44	51 *	10009	38	* 2738	75	23	* 6093	*	
* TOTAL	6302	44	51 *	20173	61	* 5428	77	21	* 19145	*	

*>>>> PERCENT CHANGE <<<<<	5%	6%	7% *	11%	11%	* 7%	5%	16%	* 11%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				

*PREVIOUS QTR 10/85 THRU 12/85	530	1.6	.9	882.3	12.2	1.0	*				
*CURRENT QTR 10/86 THRU 12/86	461	1.3	.7	633.3	7.1	1.1	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	1714	1.3	.7	2295.9	14.0	1.0	*				
*CURRENT YEAR 1/86 THRU 12/86	1790	1.3	.7	2388.7	25.9	1.1	*				

MARSIELLES LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* FOURTH QUARTER									
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	555	10	81	* 2767	77	* 686	94	4	* 3397
* DOWNBOUND	630	21	71	* 2697	49	* 716	88	10	* 2112
* TOTAL	1185	16	76	* 5464	63	* 1402	91	7	* 5509
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	480	8	86	* 2687	79	* 618	86	7	* 3320
* DOWNBOUND	557	22	73	* 2530	46	* 656	73	19	* 1824
* TOTAL	1037	16	79	* 5217	63	* 1274	79	13	* 5144
* >>>> PERCENT CHANGE <<<<<	-12%	-14%	-8%	* -4%	-4%	* 9%	-20%	68%	* -6%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2784	43	52	* 9262	74	* 2537	81	17	* 10769
* DOWNBOUND	2955	46	49	* 9348	52	* 2625	79	19	* 7788
* TOTAL	5739	44	50	* 18610	63	* 5162	80	18	* 18557
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2959	43	52	* 10203	78	* 2713	79	18	* 12656
* DOWNBOUND	3139	46	50	* 10117	47	* 2815	76	21	* 7554
* TOTAL	6098	44	51	* 20320	63	* 5528	77	19	* 20210
* >>>> PERCENT CHANGE <<<<<	6%	5%	8%	* 9%	9%	* 7%	3%	16%	* 8%

* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* FOURTH QUARTER	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
* PREVIOUS QTR 10/85 THRU 12/85	648	3.4	2.4	2219.3	26.7	1.3			
* CURRENT QTR 10/86 THRU 12/86	476	2.0	1.1	982.5	11.0	1.3			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	1926	2.8	1.8	5449.5	26.9	1.8			
* CURRENT YEAR 1/86 THRU 12/86	2033	2.4	1.6	5054.8	24.9	1.2			

STARVED ROCK LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	541	9	83	*	3021	71	*	708	93	3	3443
* DOWNBOUND	618	22	70	*	2913	54	*	739	87	10	2486
* TOTAL	1159	16	76	*	5934	63	*	1447	89	6	5929
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	492	10	85	*	2900	75	*	631	91	7	3380
* DOWNBOUND	581	24	71	*	2739	51	*	681	77	20	2169
* TOTAL	1073	18	78	*	5639	63	*	1312	84	14	5549
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-7%	1%	-5%	*	-4%	-4%	*	-9%	-14%	90%	-6%
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2886	44	51	*	10067	68	*	2622	82	15	10875
* DOWNBOUND	3022	47	49	*	10152	57	*	2769	79	19	9101
* TOTAL	5908	45	50	*	20219	63	*	5391	80	17	19976
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	2999	43	52	*	10872	74	*	2811	80	18	12729
* DOWNBOUND	3116	45	51	*	10829	52	*	2919	77	21	8768
* TOTAL	6115	44	51	*	21701	63	*	5730	78	19	21497
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	3%	1%	6%	*	7%	8%	*	6%	3%	20%	7%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				
*-----							*				
*PREVIOUS QTR 10/85 THRU 12/85	522	2.7	1.5	1419.5	27.3	1.9	*				
*CURRENT QTR 10/86 THRU 12/86	388	1.4	.6	563.5	8.9	.7	*				
*-----							*				
* Y E A R T O D A T E							*				
*-----							*				
*PREVIOUS YEAR 1/85 THRU 12/85	1564	2.4	1.2	3801.8	44.9	3.7	*				
*CURRENT YEAR 1/86 THRU 12/86	1637	1.7	.9	2856.9	24.0	1.5	*				

PEORIA LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
*-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	561	3	87	* 4074	63	* 636	42	1	* 4035	*
* DOWNBOUND	642	16	78	* 3921	64	* 678	42	7	* 3732	*
* TOTAL	1203	10	82	* 7995	63	* 1314	42	4	* 7767	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	514	0	92	* 4056	68	* 575	1	0	* 4235	*
* DOWNBOUND	529	2	90	* 3739	61	* 587	0	1	* 3335	*
* TOTAL	1043	1	91	* 7795	64	* 1162	1	0	* 7570	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-13%	-90%	-4%	* -2%	-1%	* -11%	-97%	-86%	* -2%	*
*-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2660	32	61	* 13578	60	* 2619	54	12	* 12907	*
* DOWNBOUND	2860	36	60	* 13711	67	* 2779	53	16	* 13698	*
* TOTAL	5520	34	60	* 27289	64	* 5398	53	14	* 26605	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2161	14	79	* 14686	66	* 2391	39	6	* 15280	*
* DOWNBOUND	2317	18	77	* 14591	62	* 2536	40	8	* 13481	*
* TOTAL	4478	16	78	* 29277	64	* 4927	40	7	* 28761	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-18%	-61%	4%	* 7%	8%	* -8%	-31%	-55%	* 8%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----										*
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	TOWS	OF	OF	TIME	MAX	OF				
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*PREVIOUS QTR 10/85 THRU 12/85	324	1.6	.5	526.2	9.8	1.8				
*CURRENT QTR 10/86 THRU 12/86	141	4.2	.6	592.7	30.3	1.6				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	2091	1.4	.9	3050.3	24.0	2.2				
*CURRENT YEAR 1/86 THRU 12/86	1048	3.1	.9	3262.2	43.0	1.6				

LAGRANGE LOCK & DAM
ILLINOIS
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	491	1	93 *	4332	49	* 578	46	0	* 3428	*	
* DOWNBOUND	609	22	76 *	4230	82	* 642	42	9	* 5076	*	
* TOTAL	1100	13	84 *	8562	65	* 1220	44	5	* 8504	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	461	0	96 *	4383	54	* 513	1	0	* 3671	*	
* DOWNBOUND	475	2	94 *	4047	78	* 513	7	0	* 4561	*	
* TOTAL	936	1	95 *	8430	65	* 1026	4	0	* 8232	*	

*>>>> PERCENT CHANGE <<<<<	-14%	-93%	-3% *	-1%	-1%	* -15%	-92%	-93%	* -3%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2450	32	64 *	14244	47	* 2352	50	10	* 11000	*	
* DOWNBOUND	2719	37	60 *	14464	83	* 2526	49	14	* 17539	*	
* TOTAL	5169	35	62 *	28708	65	* 4878	50	12	* 28539	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1934	17	79 *	14811	55	* 2081	36	6	* 13043	*	
* DOWNBOUND	2100	21	76 *	14706	79	* 2191	35	7	* 16966	*	
* TOTAL	4034	19	78 *	29517	67	* 4272	35	7	* 30009	*	

*>>>> PERCENT CHANGE <<<<<	-21%	-57%	-2% *	2%	5%	* -12%	-38%	-50%	* 5%	*	

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
*-----	DELAYED		OF	OF		TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*		

*PREVIOUS QTR 10/85 THRU 12/85	421		1.2	.5		512.1	9.5	2.4	*		
*CURRENT QTR 10/86 THRU 12/86	144		2.2	.3		325.1	13.0	3.2	*		

* Y E A R T O D A T E									*		

*PREVIOUS YEAR 1/85 THRU 12/85	2175		1.4	.9		3211.5	94.8	12.6	*		
*CURRENT YEAR 1/86 THRU 12/86	1133		1.6	.5		1829.2	24.0	2.8	*		

LOCK & DAM 11
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS *		
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* U P B O U N D	307	30	45	*	1278	61	*	371	83	15	1158 *
* D O W N B O U N D	354	35	51	*	1781	90	*	412	80	17	2311 *
* T O T A L	661	33	49	*	3059	78	*	783	81	16	3469 *
*CURRENT QTR 10/86 THRU 12/86				*		*					
* U P B O U N D	204	22	61	*	1012	66	*	285	71	24	1021 *
* D O W N B O U N D	237	24	68	*	1538	89	*	357	71	25	1962 *
* T O T A L	441	23	65	*	2550	80	*	642	71	24	2983 *
*-----											
*>>>> PERCENT CHANGE <<<<<<	-33%	-53%	-11%	*	-16%	-14%	*	-18%	28%	22%	-14% *
*-----											
* Y E A R T O D A T E				*		*					
*-----				*		*					
*PREVIOUS YEAR 1/85 THRU 12/85				*		*					
* U P B O U N D	2873	71	24	*	7427	44	*	2266	59	39	4888 *
* D O W N B O U N D	2897	71	25	*	7269	94	*	2238	58	40	9832 *
* T O T A L	5770	71	24	*	14696	69	*	4504	59	40	14720 *
*CURRENT YEAR 1/86 THRU 12/86				*		*					
* U P B O U N D	2869	74	22	*	6246	58	*	2134	55	43	5391 *
* D O W N B O U N D	2879	73	23	*	6397	91	*	2181	54	43	8441 *
* T O T A L	5748	73	23	*	12643	75	*	4315	55	43	13832 *
*-----											
*>>>> PERCENT CHANGE <<<<<<	-0%	3%	-7%	*	-13%	-6%	*	-4%	-10%	4%	-6% *

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
* F O U R T H Q U A R T E R	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY		AVG STALL	*
	TOWS		OF		OF		TIME	MAX		OF	*
			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs	*
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	147		1.7		.8		262.0	11.5		2.4	*
*CURRENT QTR 10/86 THRU 12/86	135		4.3		2.0		582.4	25.0		2.0	*
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	711		1.4		.6		1003.7	14.2		2.3	*
*CURRENT YEAR 1/86 THRU 12/86	688		2.3		1.1		1586.1	65.5		7.3	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 12
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESEL	VESEL	VESEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	278	34	51	* 1383	63	* 342	81	16	* 1285	*
* D O W N B O U N D	315	38	58	* 1889	88	* 412	79	19	* 2385	*
* T O T A L	593	36	55	* 3272	78	* 754	80	18	* 3670	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	216	22	68	* 1211	64	* 278	80	17	* 1154	*
* D O W N B O U N D	267	26	70	* 1829	91	* 383	74	23	* 2350	*
* T O T A L	483	24	69	* 3040	80	* 661	76	21	* 3504	*

*>>>> PERCENT CHANGE <<<<<	-18%	-44%	2%	* -7%	-4%	* -12%	-16%	1%	* -4%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	2614	69	28	* 8141	46	* 2246	61	37	* 5474	*
* D O W N B O U N D	2666	70	28	* 7929	93	* 2321	59	39	* 10579	*
* T O T A L	5280	69	28	* 16070	69	* 4567	60	38	* 16053	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	2636	70	27	* 7097	58	* 2192	58	41	* 6066	*
* D O W N B O U N D	2786	72	27	* 7259	91	* 2348	56	42	* 9462	*
* T O T A L	5422	71	27	* 14356	75	* 4540	57	41	* 15528	*

*>>>> PERCENT CHANGE <<<<<	2%	5%	-1%	* -10%	-3%	* -0%	-5%	7%	* -3%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	135	1.6	.6	228.7	9.5	4.0				
*CURRENT QTR 10/86 THRU 12/86	141	1.5	.6	219.0	10.0	2.2				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	658	1.4	.6	934.8	25.0	3.3				
*CURRENT YEAR 1/86 THRU 12/86	680	1.7	.8	1181.6	106.0	4.7				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB										
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB										

LOCK & DAM 13
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	335	44	42	* 1381	63	* 337	83	15	* 1283	*
* DOWNBOUND	380	48	48	* 1880	88	* 403	81	17	* 2363	*
* TOTAL	715	46	46	* 3261	78	* 740	82	16	* 3646	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	200	17	73	* 1193	65	* 263	90	9	* 1157	*
* DOWNBOUND	265	26	70	* 1837	91	* 367	82	16	* 2365	*
* TOTAL	465	22	71	* 3030	80	* 630	85	13	* 3522	*

*>>>> PERCENT CHANGE <<<<<	-34%	-68%	1%	* -7%	-4%	* -14%	-11%	-30%	* -3%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2864	71	25	* 8149	46	* 2174	64	35	* 5493	*
* DOWNBOUND	2842	71	26	* 7921	93	* 2149	63	35	* 10556	*
* TOTAL	5706	71	26	* 16070	69	* 4323	63	35	* 16049	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2906	73	24	* 7106	58	* 2012	64	34	* 6095	*
* DOWNBOUND	2967	73	25	* 7294	91	* 2122	63	35	* 9484	*
* TOTAL	5873	73	25	* 14400	75	* 4134	64	35	* 15579	*

*>>>> PERCENT CHANGE <<<<<	2%	5%	-0%	* -10%	-3%	* -4%	-4%	-4%	* -2%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED		OF	OF		TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	131		2.2	.8		293.3	27.4	4.9		*
*CURRENT QTR 10/86 THRU 12/86	125		1.1	.4		149.5	4.8	1.1		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	613		1.4	.6		917.1	27.4	4.2		*
*CURRENT YEAR 1/86 THRU 12/86	605		1.0	.4		661.7	16.4	3.7		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 14
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	376	31	57	*	1789	59	*	426	86	12	1544
* DOWNBOUND	416	34	61	*	2297	90	*	495	86	12	2859
* TOTAL	792	33	59	*	4086	76	*	921	86	12	4403
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	308	10	74	*	1706	58	*	398	89	9	1460
* DOWNBOUND	380	17	78	*	2617	91	*	546	83	14	3302
* TOTAL	688	14	76	*	4323	78	*	944	86	12	4762

*>>>> PERCENT CHANGE <<<<<	-13%	-62%	11%	*	5%	7%	*	2%	2%	4%	8%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2206	49	47	*	10001	45	*	2314	78	20	6634
* DOWNBOUND	2161	48	48	*	9719	93	*	2308	77	21	12414
* TOTAL	4367	48	47	*	19720	68	*	4622	77	21	19048
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1869	43	51	*	9027	54	*	2072	70	19	7173
* DOWNBOUND	1955	45	52	*	9324	91	*	2192	78	20	11808
* TOTAL	3824	44	52	*	18351	73	*	4264	79	19	18981

*>>>> PERCENT CHANGE <<<<<	-12%	-19%	-4%	*	-6%	-0%	*	-7%	-5%	-13%	-0%

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY		AVG STALL	*
*-----	DELAYED		OF		OF		TIME	MAX		OF	*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	194		1.5		.6		304.6	24.0		1.7	*
*CURRENT QTR 10/86 THRU 12/86	295		5.1		2.8		1512.8	630.6		115.5	*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	973		1.5		.7		1500.9	25.1		2.0	*
*CURRENT YEAR 1/86 THRU 12/86	1049		2.7		1.4		2924.2	630.6		36.9	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 14 AUXILIARY 1
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*		
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK			*		*			*		
*-----											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0% *	0%	0%	0% *	0%		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* U P B O U N D	3679	100	0 *	0	0 *	856	0	99 *	0 *		
* D O W N B O U N D	3709	99	0 *	0	0 *	852	0	99 *	0 *		
* T O T A L	7388	99	0 *	0	0 *	1708	0	99 *	0 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* U P B O U N D	3133	99	0 *	2	0 *	821	0	99 *	0 *		
* D O W N B O U N D	3133	100	0 *	0	0 *	817	0	100 *	0 *		
* T O T A L	6266	99	0 *	2	0 *	1638	0	99 *	0 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	-15%	-15%	0% *	0%	0% *	-4%	-77%	-3% *	0%		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF		OF		TIME		MAX	OF		*
*-----		DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)	STALLED VSLs		*
*-----											*
* Y E A R T O D A T E											*
*-----											*
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0		.0		.0		.0	.0		*
*CURRENT YEAR 1/86 THRU 12/86	0	2.7		.0		.0		.0	.0		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR OCT NOV DEC											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR OCT NOV DEC											

LOCK & DAM 15
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *	
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85			*			*		*		*
* U P B O U N D	270	2	79 *	1771	64	* 385	96	1 *	1655	*
* D O W N B O U N D	306	5	84 *	2287	87	* 466	95	3 *	2833	*
* T O T A L	576	3	82 *	4058	77	* 851	96	2 *	4488	*
*CURRENT QTR 10/86 THRU 12/86			*			*		*		*
* U P B O U N D	293	6	77 *	1701	62	* 399	93	5 *	1619	*
* D O W N B O U N D	369	11	81 *	2605	88	* 538	89	9 *	3272	*
* T O T A L	662	9	79 *	4306	78	* 937	91	7 *	4891	*

*>>>> PERCENT CHANGE <<<<<	14%	169%	11% *	6%	7%	* 10%	4%	268% *	8%	*

* Y E A R T O D A T E			*			*		*		*
*.....			*			*		*		*
*PREVIOUS YEAR 1/85 THRU 12/85			*			*		*		*
* U P B O U N D	1222	7	82 *	9726	49	* 1853	96	2 *	7044	*
* D O W N B O U N D	1227	8	81 *	9403	91	* 1815	96	2 *	12142	*
* T O T A L	2449	8	82 *	19129	69	* 3668	96	2 *	19186	*
*CURRENT YEAR 1/86 THRU 12/86			*			*		*		*
* U P B O U N D	1361	13	76 *	8932	58	* 1897	92	6 *	7667	*
* D O W N B O U N D	1401	14	77 *	9185	89	* 1962	92	6 *	11688	*
* T O T A L	2762	14	76 *	18117	74	* 3859	92	6 *	19355	*

*>>>> PERCENT CHANGE <<<<<	12%	94%	5% *	-5%	0%	* 5%	1%	168% *	0%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
*.....	DELAYED	OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				*

*PREVIOUS QTR 10/85 THRU 12/85	209	1.7	.7	365.6	10.9	1.1				*
*CURRENT QTR 10/86 THRU 12/86	273	2.6	1.3	725.3	25.0	1.1				*

* Y E A R T O D A T E										*
*.....										*
*PREVIOUS YEAR 1/85 THRU 12/85	945	1.8	.8	1775.3	12.4	1.1				*
*CURRENT YEAR 1/86 THRU 12/86	948	1.7	.7	1696.9	25.0	1.1				*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 15 AUXILIARY 1
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	159	61	21	*	44	61	*	122	50	50	* 46
* DOWNBOUND	201	75	14	*	47	8	*	146	33	65	* 5
* TOTAL	360	68	17	*	91	34	*	268	41	58	* 51
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	92	28	42	*	50	44	*	88	56	37	* 31
* DOWNBOUND	123	55	23	*	41	36	*	105	30	66	* 20
* TOTAL	215	43	31	*	91	40	*	193	42	53	* 51

*>>>> PERCENT CHANGE <<<<<	-40%	-62%	6%	*	0%	19%	*	-27%	-25%	-34%	* 0%

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	3309	93	3	*	176	49	*	1402	17	82	* 111
* DOWNBOUND	3296	92	4	*	194	17	*	1466	16	82	* 42
* TOTAL	6605	93	3	*	370	32	*	2868	16	82	* 153
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	3150	91	5	*	200	49	*	1409	18	80	* 148
* DOWNBOUND	3215	92	4	*	176	23	*	1401	17	82	* 57
* TOTAL	6365	91	4	*	376	37	*	2810	17	81	* 205

*>>>> PERCENT CHANGE <<<<<	-3%	-4%	16%	*	1%	16%	*	-2%	5%	-3%	* 33%

*(ALL TIMES EXPRESSED IN HOURS)											*
*-----	DELAYED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	OF	OF			TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	6	.2	.0			1.5	.5	.7			
*CURRENT QTR 10/86 THRU 12/86	3	.3	.0			.9	.4	.7			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	48	.1	.0			8.7	1.3	.8			
*CURRENT YEAR 1/86 THRU 12/86	33	.5	.0			18.7	12.4	1.7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

LOCK & DAM 16
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85				*		*		*		*
* UPBOUND	339	9	67 *	1924	63	450	92	5 *	1824	*
* DOWNBOUND	384	16	75 *	2474	86	532	88	9 *	2998	*
* TOTAL	723	13	71 *	4398	76	982	90	7 *	4822	*
*CURRENT QTR 10/86 THRU 12/86				*		*		*		*
* UPBOUND	321	4	77 *	1932	57	427	93	4 *	1700	*
* DOWNBOUND	381	9	85 *	2969	89	572	92	5 *	3723	*
* TOTAL	702	7	81 *	4901	76	999	92	5 *	5423	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-2%	-46%	10% *	11%	12% *	1%	4%	-31% *	12%	*
*-----										*
* Y E A R T O D A T E				*		*		*		*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*		*		*
* UPBOUND	2044	38	53 *	10613	48	2421	79	18 *	7640	*
* DOWNBOUND	2180	43	51 *	10282	89	2448	77	20 *	13068	*
* TOTAL	4224	41	52 *	20895	68	4869	78	19 *	20708	*
*CURRENT YEAR 1/86 THRU 12/86				*		*		*		*
* UPBOUND	2013	37	55 *	10037	56	2347	79	18 *	8342	*
* DOWNBOUND	2236	42	53 *	10369	88	2486	78	20 *	13034	*
* TOTAL	4249	39	54 *	20406	72	4833	79	19 *	21376	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	0%	-1%	4% *	-2%	3% *	-0%	0%	-1% *	3%	*

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
		OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	269	2.9	1.5	783.2	48.3	2.6				
*CURRENT QTR 10/86 THRU 12/86	376	5.6	3.7	2125.3	330.4	24.9				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	1192	1.7	.9	2061.9	48.3	2.6				
*CURRENT YEAR 1/86 THRU 12/86	1338	3.8	2.2	5115.7	330.4	26.0				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN										
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB										

LOCK & DAM 17
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
	(%)	(%)	(%)		(%)		(%)	(%)		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	270	7	78	*	2024	64	*	397	93	4 * 1928
* DOWNBOUND	320	16	79	*	2570	85	*	496	88	9 * 3080
* TOTAL	590	12	78	*	4594	76	*	893	91	6 * 5008
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	282	2	83	*	2070	58	*	405	94	1 * 1845
* DOWNBOUND	352	9	87	*	3157	89	*	576	90	7 * 3973
* TOTAL	634	6	85	*	5227	77	*	981	92	4 * 5818

*>>>> PERCENT CHANGE <<<<<<	7%	-42%	16%	*	13%	15%	*	9%	11%	-20% * 16%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1628	32	63	*	11206	50	*	2198	83	14 * 8383
* DOWNBOUND	1716	37	60	*	10736	88	*	2200	81	16 * 13428
* TOTAL	3344	34	61	*	21942	69	*	4398	82	15 * 21811
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1502	28	66	*	10495	57	*	2053	84	13 * 8940
* DOWNBOUND	1660	34	63	*	10852	89	*	2203	82	15 * 13664
* TOTAL	3162	31	64	*	21347	73	*	4256	83	14 * 22604

*>>>> PERCENT CHANGE <<<<<<	-5%	-14%	-0%	*	-2%	3%	*	-3%	-2%	-10% * 3%

*(ALL TIMES EXPRESSED IN HOURS)										*
	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
	TOWS	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	218	2.3	1.0		502.0	30.5	4.1			*
*CURRENT QTR 10/86 THRU 12/86	344	6.6	4.2		2301.1	326.5	26.5			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1149	4.6	2.5		5290.6	92.2	6.2			*
*CURRENT YEAR 1/86 THRU 12/86	1192	4.7	2.7		5647.2	326.5	20.8			*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 18
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	305	13	68 *	1971	63	* 431	90	7	* 1851	*	
* D O W N B O U N D	357	20	74 *	2648	85	* 541	86	11	* 3204	*	
* T O T A L	662	17	71 *	4619	76	* 972	88	9	* 5055	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	288	2	80 *	2098	57	* 415	95	1	* 1817	*	
* D O W N B O U N D	371	11	85 *	3309	90	* 595	90	7	* 4192	*	
* T O T A L	659	7	83 *	5407	77	* 1010	92	4	* 6009	*	

*>>>> PERCENT CHANGE <<<<<	-0%	-55%	15% *	17%	18%	* 3%	8%	-50%	* 18%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	2006	43	51 *	11437	49	* 2409	77	20	* 8382	*	
* D O W N B O U N D	2059	46	50 *	11014	89	* 2418	76	22	* 13911	*	
* T O T A L	4065	45	50 *	22451	69	* 4827	77	21	* 22293	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	1980	45	50 *	10808	56	* 2310	76	22	* 8945	*	
* D O W N B O U N D	2094	47	50 *	11181	89	* 2420	76	21	* 14169	*	
* T O T A L	4074	46	50 *	21989	73	* 4730	76	21	* 23114	*	

*>>>> PERCENT CHANGE <<<<<	0%	3%	-0% *	-2%	3%	* -2%	-2%	-0%	* 3%	*	

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
*-----	DELAYED		OF	OF		TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	*		

*PREVIOUS QTR 10/85 THRU 12/85	238		1.8	.9		451.4	22.3	2.0	*		
*CURRENT QTR 10/86 THRU 12/86	363		1.9	1.2		698.7	7.8	1.8	*		

* Y E A R T O D A T E									*		

*PREVIOUS YEAR 1/85 THRU 12/85	1139		1.6	.8		1860.4	22.3	1.7	*		
*CURRENT YEAR 1/86 THRU 12/86	1212		2.1	1.2		2662.1	34.1	2.4	*		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 19
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	279	4	75	*	2090	62	*	260	93	3	1944
* DOWNBOUND	349	17	77	*	2796	87	*	331	86	11	3440
* TOTAL	628	11	76	*	4886	76	*	591	89	8	5384

*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	308	2	80	*	2367	52	*	288	93	3	1907
* DOWNBOUND	398	12	83	*	3642	91	*	378	83	13	4690
* TOTAL	706	7	82	*	6009	76	*	666	87	9	6597

*>>>> PERCENT CHANGE <<<<<	12%	-24%	21%	*	22%	21%	*	12%	10%	29%	22%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1689	32	60	*	12040	47	*	1396	79	18	8400
* DOWNBOUND	1765	35	59	*	11587	90	*	1417	76	21	14842
* TOTAL	3454	33	60	*	23627	68	*	2813	78	19	23242

*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1595	28	64	*	11597	51	*	1374	79	18	8879
* DOWNBOUND	1725	32	62	*	11958	91	*	1468	74	23	15410
* TOTAL	3320	30	63	*	23555	71	*	2842	76	21	24289

*>>>> PERCENT CHANGE <<<<<	-3%	-13%	1%	*	-0%	4%	*	1%	-0%	6%	4%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY		AVG STALL	*		
*-----	DELAYED	OF	OF		TIME	MAX		OF	*		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs	*		

*PREVIOUS QTR 10/85 THRU 12/85	202	9.0	3.8		1822.1	139.8		33.7	*		
*CURRENT QTR 10/86 THRU 12/86	285	1.1	.5		340.0	8.0		2.5	*		

* Y E A R T O D A T E									*		

*PREVIOUS YEAR 1/85 THRU 12/85	839	2.8	1.1		2421.8	139.8		16.3	*		
*CURRENT YEAR 1/86 THRU 12/86	893	1.0	.4		916.8	24.5		1.8	*		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 20
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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***** NORTH CENTRAL DIVISION *****											
* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*****	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*****				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	360	3	62	*	2194	60	*	478	96	1	1958
* DOWNBOUND	429	14	66	*	2884	88	*	591	91	6	3577
* TOTAL	789	9	64	*	5078	76	*	1069	93	4	5535
*****				*		*			*	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	380	1	72	*	2541	50	*	508	98	0	1942
* DOWNBOUND	469	10	78	*	3797	92	*	701	91	7	4907
* TOTAL	849	6	75	*	6338	75	*	1209	94	4	6849
*****				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	7%	-28%	25%	*	24%	23%	*	13%	13%	31%	23%
*****				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*****				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1801	25	59	*	12299	46	*	2360	87	10	8414
* DOWNBOUND	1832	28	60	*	11821	91	*	2351	86	11	15249
* TOTAL	3633	27	60	*	24120	68	*	4711	87	11	23663
*****				*		*			*	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1686	24	63	*	11901	50	*	2231	88	10	8920
* DOWNBOUND	1805	28	62	*	12334	91	*	2408	85	13	15934
* TOTAL	3491	26	63	*	24235	71	*	4639	87	11	24854
*****				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-3%	-6%	0%	*	0%	4%	*	-1%	-1%	3%	5%

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY		AVG STALL	*
*****	DELATED		OF		OF		TIME	MAX		OF	*
* F O U R T H Q U A R T E R	TOWS		DELATED TOWS		ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs	*
*****											*
*PREVIOUS QTR 10/85 THRU 12/85	268		4.5		2.3		1207.4	58.6		5.6	*
*CURRENT QTR 10/86 THRU 12/86	387		2.8		1.7		1111.2	25.1		2.4	*
*****											*
* Y E A R T O D A T E											*
*****											*
*PREVIOUS YEAR 1/85 THRU 12/85	1064		2.3		1.1		2470.8	58.6		4.7	*
*CURRENT YEA- 1/86 THRU 12/86	1124		2.8		1.4		3157.0	87.6		3.4	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 21
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
	(%)	(%)		(%)		(%)	(%)		
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	341	6	72	* 2418	55	* 479	96	3	* 1998
* DOWNBOUND	410	16	76	* 3104	88	* 609	91	7	* 3868
* TOTAL	751	11	74	* 5522	74	* 1088	93	5	* 5866
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	371	0	81	* 2879	45	* 531	98	0	* 1984
* DOWNBOUND	463	8	84	* 4113	91	* 731	93	5	* 5295
* TOTAL	834	4	83	* 6992	72	* 1262	95	3	* 7279
*>>>> PERCENT CHANGE <<<<<	11%	-55%	24%	* 26%	23%	* 15%	18%	31%	* 24%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	1874	32	59	* 12697	44	* 2386	86	12	* 8343
* DOWNBOUND	1884	33	60	* 12241	93	* 2423	85	13	* 16074
* TOTAL	3758	32	60	* 24938	68	* 4809	85	13	* 24417
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	1807	26	64	* 12669	47	* 2402	88	10	* 8963
* DOWNBOUND	1915	29	64	* 13057	92	* 2586	87	11	* 17075
* TOTAL	3722	28	64	* 25726	70	* 4988	88	11	* 26038
*>>>> PERCENT CHANGE <<<<<	-0%	-15%	6%	* 3%	6%	* 3%	6%	13%	* 6%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	275	1.6	.8	464.2	17.7	2.7			
*CURRENT QTR 10/86 THRU 12/86	415	3.5	2.1	1491.7	166.6	18.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1137	1.6	.8	1827.6	82.2	3.6			
*CURRENT YEAR 1/86 THRU 12/86	1325	3.4	1.8	4558.3	166.6	7.0			

LOCK & DAM 22
MISSISSIPPI RIVER
F4 ROCK ISLAND
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	344	9	75	*	2496	55	* 478	96	3 *	2035 *
* D O W N B O U N D	438	23	72	*	3193	90	* 612	91	8 *	4100 *
* T O T A L	782	17	73	*	5689	75	* 1090	93	5 *	6135 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	368	2	83	*	2948	44	* 527	97	1 *	1999 *
* D O W N B O U N D	458	11	85	*	4253	92	* 728	92	7 *	5531 *
* T O T A L	826	7	84	*	7201	72	* 1255	94	4 *	7530 *

*>>>> PERCENT CHANGE <<<<<	5%	-51%	20%	*	26%	22%	* 15%	16%	-7% *	22% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1914	34	60	*	12979	43	* 2351	87	11 *	8389 *
* D O W N B O U N D	1961	36	60	*	12506	94	* 2407	86	12 *	16685 *
* T O T A L	3875	35	60	*	25485	68	* 4758	86	12 *	25074 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1836	26	66	*	13053	46	* 2414	89	9 *	9078 *
* D O W N B O U N D	1929	29	67	*	13395	93	* 2578	88	10 *	17791 *
* T O T A L	3765	28	67	*	26448	70	* 4992	89	10 *	26869 *

*>>>> PERCENT CHANGE <<<<<	-2%	23%	8%	*	3%	6%	* 4%	7%	-13% *	7% *

*(ALL TIMES EXPRESSED IN HOURS)										
	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL		*
	TOWS	OF		OF	TIME		MAX	OF		*
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	370	2.9		1.9	1108.6		38.5	4.1		*
*CURRENT QTR 10/86 THRU 12/86	546	9.5		7.4	5194.0		51.8	5.4		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1436	2.4		1.5	3553.1		38.5	3.9		*
*CURRENT YEAR 1/86 THRU 12/86	1712	5.6		3.8	9747.9		91.6	5.8		*

LOCK & DAM 1 MAIN CHBR 1
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	279	41	49	*	239	63	*	229	68	28 * 209 *
* DOWNBOUND	288	46	50	*	253	41	*	227	67	28 * 144 *
* TOTAL	567	44	49	*	492	52	*	456	67	28 * 353 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	170	28	58	*	194	81	*	149	81	18 * 182 *
* DOWNBOUND	230	33	60	*	258	23	*	192	79	19 * 85 *
* TOTAL	400	31	60	*	452	48	*	341	80	19 * 267 *

*>>>> PERCENT CHANGE <<<<<<	-29%	-49%	-15%	*	-8%	-14%	*	-25%	-11%	49% * 24% *

* YEAR TO DATE				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	3101	76	20	*	1127	54	*	1814	40	58 * 850 *
* DOWNBOUND	3164	77	20	*	1124	50	*	1781	41	57 * 827 *
* TOTAL	6265	76	20	*	2251	52	*	3595	40	58 * 1677 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2949	72	24	*	1267	67	*	1696	52	46 * 976 *
* DOWNBOUND	3253	72	24	*	1365	34	*	1813	54	44 * 671 *
* TOTAL	6202	72	24	*	2632	50	*	3509	53	45 * 1647 *

*>>>> PERCENT CHANGE <<<<<<	-1%	-6%	17%	*	16%	11%	*	-2%	28%	-23% * 1% *

*(ALL TIMES EXPRESSED IN HOURS)										*
	DELAYED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF			TIME	MAX	OF		*
		DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	21	.4	.0			8.6	1.1	.0		*
*CURRENT QTR 10/86 THRU 12/86	8	1.9	.0			15.7	9.0	1.1		*

* YEAR TO DATE										*

*PREVIOUS YEAR 1/85 THRU 12/85	139	.2	.0			41.1	2.0	1.2		*
*CURRENT YEAR 1/86 THRU 12/86	166	.4	.0			69.0	9.0	.8		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 1 MAIN CHBR 2
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*----- TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R      (%) (%) *      (%) *      (%) (%) *      (%) (%) *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT YEAR 1/86 THRU 12/86 * * * * *
* U P B O U N D          28 32 60 * 32 37 * 27 66 33 * 15 *
* D O W N B O U N D      38 28 60 * 44 56 * 37 78 18 * 33 *
* T O T A L              66 30 60 * 76 48 * 64 73 25 * 48 *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*(ALL TIMES EXPRESSED IN HOURS)      AVG DELAY      AVG DELAY      TOTAL DELAY DELAY      AVG STALL *
*----- DELAYED      OF      OF      TIME      MAX      OF *
* F O U R T H   Q U A R T E R      TOWS DELAYED TOWS ALL TOWS (TOWS) (ALL VSL) STALLED VSLs *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*CURRENT YEAR 1/86 THRU 12/86          1 .6 .0 .6 .6 .0 *
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR MAY JUN JUL OCT NOV DEC

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LOCK & DAM 2
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*.....				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	388	47	46	* 1375	36	* 382	72	26	* 749	*	
* D O W N B O U N D	359	42	56	* 1696	95	* 407	78	20	* 2361	*	
* T O T A L	747	45	51	* 3071	69	* 789	75	23	* 3110	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	287	53	42	* 817	46	* 278	65	32	* 555	*	
* D O W N B O U N D	295	50	47	* 1084	92	* 320	69	30	* 1460	*	
* T O T A L	582	51	45	* 1901	72	* 598	67	31	* 2015	*	
*.....				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-22%	-10%	-31%	* -38%	-34%	* -24%	-32%	0%	* -35%	*	
*.....				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*.....				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	4812	79	17	* 7439	24	* 2573	52	46	* 2693	*	
* D O W N B O U N D	4888	80	17	* 7360	97	* 2607	52	47	* 10332	*	
* T O T A L	9700	79	17	* 14799	60	* 5180	52	47	* 13025	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	5083	84	14	* 6010	35	* 2612	53	45	* 3129	*	
* D O W N B O U N D	5062	84	14	* 5997	94	* 2663	52	46	* 8283	*	
* T O T A L	10145	84	14	* 12007	65	* 5275	53	46	* 11412	*	
*.....				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	4%	10%	-11%	* -18%	-13%	* 1%	3%	-0%	* -12%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL	*		
*.....	DELAYED	OF	OF			TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs	*		
*.....									*		
*PREVIOUS QTR 10/85 THRU 12/85	157	1.5	.6			238.6	12.2	.0	*		
*CURRENT QTR 10/86 THRU 12/86	94	1.2	.4			115.3	5.9	1.2	*		
*.....									*		
* Y E A R T O D A T E									*		
*.....									*		
*PREVIOUS YEAR 1/85 THRU 12/85	790	1.1	.5			921.3	12.2	.0	*		
*CURRENT YEAR 1/86 THRU 12/86	722	1.5	.7			1085.6	11.2	4.4	*		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB DEC

LOCK & DAM 2 AUXILIARY 1
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
* ..... TOTAL   RECRTN  TOWS * TOTAL  LOADED * TOTAL  COMMER  RECRTN *  KTONS *
* F O U R T H   Q U A R T E R      (%)   (%) *      (%) *      (%)   (%)   (%) *      *
* .....
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK *      *      *      *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK *      *      *      *
* .....
*>>>> PERCENT CHANGE <<<<<      0%    0%    0% *      0%    0% *      0%    0%    0% *      0% *
* .....
*   Y E A R   T O   D A T E          *      *      *      *
* .....
*PREVIOUS YEAR 1/85 THRU 12/85 NO DATA FOR THIS LOCK *      *      *      *
*CURRENT YEAR 1/86 THRU 12/86 NO DATA FOR THIS LOCK *      *      *      *
* .....
*>>>> PERCENT CHANGE <<<<<      0%    0%    0% *      0%    0% *      0%    0%    0% *      0% *
*****
*(ALL TIMES EXPRESSED IN HOURS)          AVG DELAY   AVG DELAY   TOTAL DELAY  DELAY   AVG STALL
* ..... DELAYED   OF   OF   TIME   MAX   OF
* F O U R T H   Q U A R T E R      TOWS  DELAYED TOWS  ALL TOWS  (TOWS)  (ALL VSL) STALLED VSLs
* .....
*   Y E A R   T O   D A T E          *      *      *      *
* .....
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985  JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986  JAN FEB DEC
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LOCK & DAM 3
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	390	57	34	* 1111	45	* 369	63	33	* 747	*	
* DOWNBOUND	448	63	35	* 1451	95	* 404	67	30	* 2036	*	
* TOTAL	838	60	34	* 2562	73	* 773	65	32	* 2783	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	297	57	38	* 797	47	* 283	61	35	* 557	*	
* DOWNBOUND	320	56	42	* 1075	92	* 347	61	35	* 1448	*	
* TOTAL	617	56	40	* 1872	73	* 630	61	35	* 2005	*	
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-26%	-31%	-14%	* -26%	-27%	* -18%	-23%	-10%	* -27%	*	
*-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	6213	88	10	* 6401	28	* 2901	40	58	* 2691	*	
* DOWNBOUND	6504	88	10	* 6342	96	* 2966	40	58	* 8975	*	
* TOTAL	12717	88	10	* 12743	62	* 5867	40	58	* 11666	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	7207	89	9	* 5714	37	* 2913	45	53	* 3127	*	
* DOWNBOUND	6921	89	10	* 5762	94	* 3013	45	53	* 7945	*	
* TOTAL	14128	89	9	* 11476	65	* 5926	45	53	* 11072	*	
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	11%	12%	1%	* -9%	-5%	* 1%	13%	-8%	* -5%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				
*-----							*				
*PREVIOUS QTR 10/85 THRU 12/85	112	1.0	.3	113.1	5.4	.9	*				
*CURRENT QTR 10/86 THRU 12/86	79	.9	.2	74.6	4.7	.0	*				
*-----							*				
* Y E A R T O D A T E							*				
*-----							*				
*PREVIOUS YEAR 1/85 THRU 12/85	625	.8	.4	552.0	10.6	1.2	*				
*CURRENT YEAR 1/86 THRU 12/86	658	1.1	.5	727.4	18.0	2.8	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 4
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*	
*-----										*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	254	33	51 *	1144	45	* 309	77	19 *	758	*	
* DOWNBOUND	293	37	60 *	1507	96	* 363	79	18 *	2132	*	
* TOTAL	547	35	56 *	2651	74	* 672	78	18 *	2890	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	176	29	66 *	864	45	* 238	75	19 *	572	*	
* DOWNBOUND	213	35	63 *	1158	93	* 297	75	21 *	1574	*	
* TOTAL	389	32	64 *	2022	72	* 535	75	20 *	2146	*	
*-----										*	
*>>>> PERCENT CHANGE <<<<<	-28%	-35%	-18% *	-23%	-25% *	-20%	-23%	-14% *	-25%	*	
*-----										*	
* Y E A R T O D A T E				*		*			*	*	
*-----										*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	4481	84	14 *	6612	28	* 2684	43	51 *	2738	*	
* DOWNBOUND	4858	79	14 *	6571	97	* 2680	44	50 *	9332	*	
* TOTAL	9339	81	14 *	13183	62	* 5364	44	51 *	12070	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	4823	85	14 *	6042	36	* 2611	50	47 *	3241	*	
* DOWNBOUND	4904	85	13 *	6056	95	* 2717	49	48 *	8387	*	
* TOTAL	9727	85	14 *	12098	65	* 5328	50	48 *	11628	*	
*-----										*	
*>>>> PERCENT CHANGE <<<<<	4%	9%	-0% *	-8%	-3% *	-0%	12%	-6% *	-3%	*	

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
*-----	DELAYED		OF	OF		TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*		
*-----									*		
*PREVIOUS QTR 10/85 THRU 12/85	115		1.6	.6		191.9	15.8	3.2	*		
*CURRENT QTR 10/86 THRU 12/86	74		.9	.2		72.2	4.2	.0	*		
*-----									*		
* Y E A R T O D A T E									*		
*-----									*		
*PREVIOUS YEAR 1/85 THRU 12/85	638		1.0	.5		693.4	15.8	1.3	*		
*CURRENT YEAR 1/86 THRU 12/86	612		1.0	.4		634.9	7.0	.0	*		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 5
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	211	27	62	* 1119	46	* 292	77	16	* 769	*
* DOWNBOUND	238	34	63	* 1452	96	* 339	77	16	* 2042	*
* TOTAL	449	30	63	* 2571	74	* 631	77	16	* 2811	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	162	23	71	* 859	44	* 229	77	15	* 563	*
* DOWNBOUND	199	31	66	* 1144	93	* 287	76	17	* 1559	*
* TOTAL	361	27	68	* 2003	72	* 516	76	16	* 2122	*

*>>>> PERCENT CHANGE <<<<<	-19%	-27%	-12%	* -22%	-24%	* -18%	-18%	-15%	* -24%	*

* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	3450	79	19	* 6510	30	* 2301	50	46	* 2849	*
* DOWNBOUND	3495	80	19	* 6433	97	* 2277	51	45	* 9096	*
* TOTAL	6945	79	19	* 12943	63	* 4578	50	45	* 11945	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3869	81	17	* 5888	38	* 2411	52	44	* 3298	*
* DOWNBOUND	4010	82	17	* 6113	94	* 2488	53	44	* 8462	*
* TOTAL	7879	81	17	* 12001	66	* 4899	53	44	* 11760	*

*>>>> PERCENT CHANGE <<<<<	13%	16%	2%	* -7%	2%	* 7%	12%	3%	* -1%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	TOWS	OF		OF		TIME	MAX	OF		*
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*

*PREVIOUS QTR 10/85 THRU 12/85	101	1.0		.3		108.1	4.9	.0		*
*CURRENT QTR 10/86 THRU 12/86	74	.9		.2		67.4	4.4	2.7		*

* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	554	.9		.3		509.2	11.5	.0		*
*CURRENT YEAR 1/86 THRU 12/86	606	.9		.4		574.0	11.8	2.5		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 6
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	225	31	59 *	1246	48 *	298	81	14 *	881 *		
* DOWNBOUND	242	35	64 *	1546	95 *	340	79	17 *	2160 *		
* TOTAL	467	33	61 *	2792	74 *	638	80	16 *	3041 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	204	31	59 *	993	46 *	270	76	19 *	676 *		
* DOWNBOUND	228	32	65 *	1324	93 *	318	77	18 *	1791 *		
* TOTAL	432	31	62 *	2317	73 *	588	77	19 *	2467 *		

*>>>> PERCENT CHANGE <<<<<	-7%	-11%	-6% *	-17%	-18% *	-7%	-11%	8% *	-18% *		

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	3762	81	17 *	6903	31 *	2542	47	50 *	3200 *		
* DOWNBOUND	3726	81	18 *	6814	96 *	2641	45	52 *	9623 *		
* TOTAL	7488	81	18 *	13717	64 *	5183	46	51 *	12823 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	4841	84	14 *	6347	40 *	2806	49	48 *	3764 *		
* DOWNBOUND	4974	83	14 *	6503	94 *	2910	49	49 *	8995 *		
* TOTAL	9815	83	14 *	12850	67 *	5716	49	49 *	12759 *		

*>>>> PERCENT CHANGE <<<<<	31%	35%	5% *	-6%	-0% *	10%	17%	5% *	-0% *		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
*-----	TOWS		OF	OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	110		1.9	.7		215.3	19.0	4.9 *			
*CURRENT QTR 10/86 THRU 12/86	98		2.6	.9		264.4	15.5	.0 *			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	618		1.1	.5		681.4	19.0	3.3 *			
*CURRENT YEAR 1/86 THRU 12/86	645		1.1	.5		754.5	15.5	1.3 *			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 7
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	301	38	44	*	1261	49	*	359	75	21	* 902
* DOWNBOUND	321	43	51	*	1537	95	*	378	74	23	* 2135
* TOTAL	622	41	48	*	2798	74	*	737	74	22	* 3037
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	221	32	56	*	992	46	*	287	75	20	* 685
* DOWNBOUND	269	39	54	*	1304	93	*	335	74	23	* 1757
* TOTAL	490	36	55	*	2296	73	*	622	74	22	* 2442
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-21%	-30%	-9%	*	-17%	-19%	*	-15%	-15%	-16%	* -19%
*-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	5535	86	12	*	6929	31	*	3009	42	55	* 3203
* DOWNBOUND	5451	86	12	*	6796	96	*	3005	41	57	* 9607
* TOTAL	10986	86	12	*	13725	63	*	6014	41	56	* 12810
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	6544	87	10	*	6324	40	*	3261	45	53	* 3724
* DOWNBOUND	6681	86	10	*	6534	94	*	3311	45	53	* 9032
* TOTAL	13225	86	10	*	12858	67	*	6572	45	53	* 12756
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	20%	21%	4%	*	-6%	-0%	*	9%	19%	3%	* -0%

*(ALL TIMES EXPRESSED IN HOURS)											*
*-----											*
* F O U R T H Q U A R T E R	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
	TOWS	OF	OF	TIME	MAX	OF					
		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	109	2.5	.9	282.2	20.6	2.7					
*CURRENT QTR 10/86 THRU 12/86	121	3.8	1.7	469.0	23.5	.0					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	645	1.2	.5	785.2	20.6	2.2					
*CURRENT YEAR 1/86 THRU 12/86	731	1.4	.7	1071.3	23.5	4.5					

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 8
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

PAGE 93

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	208	23	66	* 1273	52	* 289	82	15	* 987
* D O W N B O U N D	229	31	68	* 1548	93	* 336	78	18	* 2025
* T O T A L	437	27	67	* 2821	75	* 625	80	16	* 3072
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	170	16	75	* 1036	48	* 237	88	8	* 764
* D O W N B O U N D	224	28	68	* 1421	90	* 306	83	14	* 1847
* T O T A L	394	23	71	* 2457	73	* 543	86	11	* 2611
*>>>> PERCENT CHANGE <<<<<	-9%	-24%	-3%	* -12%	-15%	* -13%	-7%	-39%	* -15%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	2876	75	23	* 7075	34	* 2263	51	46	* 3619
* D O W N B O U N D	2931	76	22	* 6865	96	* 2260	51	46	* 9542
* T O T A L	5807	75	23	* 13940	65	* 4523	51	46	* 13161
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	3353	77	21	* 6570	42	* 2403	55	43	* 4194
* D O W N B O U N D	3523	78	20	* 6791	93	* 2509	55	43	* 9142
* T O T A L	6876	77	21	* 13361	68	* 4912	55	43	* 13336
*>>>> PERCENT CHANGE <<<<<	18%	21%	7%	* -4%	0%	* 8%	16%	2%	* 1%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	123	1.5	.6	194.9	12.7				
*CURRENT QTR 10/86 THRU 12/86	120	6.8	2.8	817.7	34.3				
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	591	1.0	.4	641.5	12.7				
*CURRENT YEAR 1/86 THRU 12/86	687	2.1	1.0	1491.8	34.3				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 9
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	232	33	57	* 1204	61	* 288	78	19	* 1082
* DOWNBOUND	258	37	62	* 1618	90	* 360	77	20	* 2122
* TOTAL	490	35	60	* 2822	77	* 648	77	20	* 3204
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	165	15	74	* 976	66	* 230	88	8	* 965
* DOWNBOUND	211	23	73	* 1428	87	* 301	85	13	* 1799
* TOTAL	376	20	73	* 2404	78	* 531	86	11	* 2764
*>>>> PERCENT CHANGE <<<<<	-23%	-56%	-5%	* -14%	-13%	* -18%	-8%	-53%	* -13%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3053	77	21	* 6976	44	* 2188	52	46	* 4514
* DOWNBOUND	2983	77	21	* 6779	94	* 2209	51	46	* 9287
* TOTAL	6036	77	21	* 13755	68	* 4397	52	46	* 13801
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3293	77	21	* 6552	58	* 2329	55	43	* 5615
* DOWNBOUND	3355	77	21	* 6794	89	* 2411	55	43	* 8805
* TOTAL	6648	77	21	* 13346	74	* 4740	55	43	* 14420
*>>>> PERCENT CHANGE <<<<<	10%	10%	8%	* -2%	4%	* 7%	14%	1%	* 4%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	DELAYED	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	82	1.5	.4	129.6	8.7	.8			
*CURRENT QTR 10/86 THRU 12/86	110	2.7	1.0	297.0	17.3	2.1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	420	1.3	.4	546.0	8.7	1.1			
*CURRENT YEAR 1/86 THRU 12/86	497	1.6	.5	813.6	17.3	2.3			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB

LOCK & DAM 10
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	257	28	57	*	1301	58	*	345	78	19	* 1109
* DOWNBOUND	292	35	61	*	1753	90	*	408	77	21	* 2309
* TOTAL	549	32	59	*	3054	76	*	753	77	20	* 3418
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	217	26	62	*	1047	63	*	290	81	16	* 975
* DOWNBOUND	258	32	63	*	1548	90	*	368	79	19	* 1979
* TOTAL	475	29	62	*	2595	79	*	658	80	18	* 2954

*>>>> PERCENT CHANGE <<<<<	-13%	-20%	-8%	*	-15%	-12%	*	-12%	-9%	-22%	* -13%

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	3365	77	21	*	7455	42	*	2517	51	47	* 4583
* DOWNBOUND	3439	78	20	*	7249	94	*	2581	49	49	* 9878
* TOTAL	6804	77	21	*	14704	68	*	5098	50	48	* 14461
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	3230	74	23	*	7013	57	*	2529	56	42	* 5878
* LOWBOUND	3341	75	23	*	7181	91	*	2723	54	44	* 9439
* TOTAL	6571	75	23	*	14194	74	*	5252	55	43	* 15317

*>>>> PERCENT CHANGE <<<<<	-3%	-6%	6%	*	-3%	5%	*	3%	13%	-7%	* 5%

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF		OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS			

*PREVIOUS QTR 10/85 THRU 12/85	123	1.5		.5		192.5	18.2	.0			
*CURRENT QTR 10/86 THRU 12/86	101	1.4		.5		151.0	6.1	.0			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	570	1.1		.4		655.3	18.2	.5			
*CURRENT YEAR 1/86 THRU 12/86	556	1.0		.3		607.9	6.1	.0			

* DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB											
* DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

ST ANTHONY FALLS UPPER L & D
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*		(%)	(%)	*	*
*-----				* -----		* -----				* -----	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*				*	*
* U P B O U N D	171	32	54	*	149	44	*	159	72	24	* 100
* D O W N B O U N D	184	36	58	*	171	57	*	162	70	26	* 136
* T O T A L	355	34	56	*	320	51	*	321	71	25	* 236
*CURRENT QTR 10/86 THRU 12/86				*		*					*
* U P B O U N D	128	25	55	*	106	56	*	127	80	17	* 84
* D O W N B O U N D	138	30	61	*	121	46	*	134	75	23	* 78
* T O T A L	266	27	58	*	227	51	*	261	77	20	* 162
*-----				* -----		* -----				* -----	*
*>>>> PERCENT CHANGE <<<<<	-25%	-39%	-22%	*	-29%	-29%	*	-18%	-11%	-35%	* -31%
*-----				* -----		* -----				* -----	*
* Y E A R T O D A T E				*		*					*
*-----				* -----		* -----					*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*					*
* U P B O U N D	1804	69	25	*	726	36	*	1218	44	54	* 392
* D O W N B O U N D	1936	72	24	*	722	70	*	1254	42	56	* 730
* T O T A L	3740	71	24	*	1448	53	*	2472	43	55	* 1122
*CURRENT YEAR 1/86 THRU 12/86				*		*					*
* U P B O U N D	1894	69	25	*	689	45	*	1299	50	48	* 446
* D O W N B O U N D	2096	72	23	*	674	56	*	1401	47	51	* 556
* T O T A L	3990	71	24	*	1363	51	*	2700	49	49	* 1002
*-----				* -----		* -----					*
*>>>> PERCENT CHANGE <<<<<	6%	6%	4%	*	-5%	-9%	*	9%	23%	-1%	* -10%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*-----	DELAYED	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	3	.5	.0	1.7	1.0	.6					
*CURRENT QTR 10/86 THRU 12/86	5	.4	.0	2.1	.8	.5					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	47	.3	.0	14.5	1.2	.4					
*CURRENT YEAR 1/86 THRU 12/86	53	.3	.0	16.8	1.6	22.5					

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

ST ANTHONY FALLS LOWER L & D
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*****	
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*****	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*****	
*				*		*			*	*****	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*****	
* U P B O U N D	219	25	63	*	242	61	200	82	18	*	210
* D O W N B O U N D	227	28	67	*	261	40	203	78	20	*	145
* T O T A L	446	26	65	*	503	50	403	80	19	*	355
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*****	
* U P B O U N D	195	18	67	*	241	78	188	85	14	*	225
* D O W N B O U N D	203	22	70	*	256	23	196	81	17	*	81
* T O T A L	398	20	69	*	497	49	384	83	16	*	306
*				*		*			*	*****	
*>>>> PERCENT CHANGE <<<<<	-10%	-32%	-6%	*	-1%	-2%	-4%	-1%	-19%	*	-13%
*				*		*			*	*****	
* Y E A R T O D A T E				*		*			*	*****	
*				*		*			*	*****	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*****	
* U P B O U N D	2045	60	31	*	1134	54	1395	51	47	*	864
* D O W N B O U N D	2111	66	30	*	1125	50	1413	49	48	*	819
* T O T A L	4156	63	31	*	2259	52	2808	50	48	*	1683
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*****	
* U P B O U N D	2200	59	36	*	1378	65	1598	59	39	*	1075
* D O W N B O U N D	2412	62	33	*	1371	35	1683	57	41	*	691
* T O T A L	4612	61	35	*	2749	50	3281	58	40	*	1766
*				*		*			*	*****	
*>>>> PERCENT CHANGE <<<<<	10%	6%	25%	*	21%	17%	16%	35%	-1%	*	4%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL			
*	DELAYED	OF	OF			TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLS			
*											
*PREVIOUS QTR 10/85 THRU 12/85	32	.5	.0			18.4	6.7	1.3			
*CURRENT QTR 10/86 THRU 12/86	25	.4	.0			10.2	1.2	.9			
*											
* Y E A R T O D A T E											
*											
*PREVIOUS YEAR 1/85 THRU 12/85	176	.3	.0			63.3	6.7	.5			
*CURRENT YEAR 1/86 THRU 12/86	249	.3	.0			84.0	6.1	.5			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB DEC											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

LOCK & DAM 5A
MISSISSIPPI RIVER
F5 ST PAUL
NORTH CENTRAL DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	263	31	50	* 1142	47	* 338	74	19	* 787	*	
* DOWNBOUND	278	35	55	* 1441	95	* 358	74	21	* 2026	*	
* TOTAL	541	33	53	* 2583	74	* 696	74	20	* 2813	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	191	23	61	* 868	45	* 252	78	14	* 581	*	
* DOWNBOUND	224	31	59	* 1155	93	* 294	74	18	* 1574	*	
* TOTAL	415	27	60	* 2023	73	* 546	76	16	* 2155	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-23%	-36%	-12%	* -21%	-22%	* -21%	-19%	-35%	* -23%	*	
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	4728	83	14	* 6548	29	* 2834	48	49	* 2856	*	
* DOWNBOUND	4641	83	14	* 6439	97	* 2888	45	52	* 9108	*	
* TOTAL	9369	83	14	* 12987	63	* 5722	46	50	* 11964	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	5276	83	12	* 5949	37	* 3001	48	48	* 3319	*	
* DOWNBOUND	5477	84	12	* 6116	94	* 3044	46	51	* 8476	*	
* TOTAL	10753	84	12	* 12065	66	* 6045	47	50	* 11795	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	14%	16%	2%	* -7%	-1%	* 5%	7%	4%	* -1%	*	

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	OF	OF	TOTAL DELAY		DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	TIME		MAX	OF				
*-----				(TOWS)		(ALL VSL)	STALLED VSLS				
*PREVIOUS QTR 10/85 THRU 12/85	103	.9	.3	100.0		8.3	7.3				
*CURRENT QTR 10/86 THRU 12/86	85	1.0	.3	89.3		3.9	3.3				
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	591	.9	.3	533.0		10.0	6.5				
*CURRENT YEAR 1/86 THRU 12/86	618	.9	.4	570.5		4.3	2.2				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB											

BONNEVILLE LOCK & DAM
COLUMBIA RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTH	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTH	* KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	225	4	85 *	640	40 *	426	97	1 *	400 *		
* DOWNBOUND	210	3	92 *	666	93 *	429	98	0 *	1300 *		
* TOTAL	435	3	89 *	1306	67 *	855	98	1 *	1700 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	282	5	78 *	734	36 *	503	98	0 *	708 *		
* DOWNBOUND	266	7	82 *	761	92 *	536	99	0 *	1593 *		
* TOTAL	548	6	80 *	1495	65 *	1039	99	0 *	2301 *		

*>>>> PERCENT CHANGE <<<<<	25%	131%	13% *	14%	10% *	21%	22%	-40% *	35% *		

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	1168	18	72 *	2829	29 *	1998	91	4 *	1398 *		
* DOWNBOUND	1177	20	74 *	2959	93 *	2081	91	3 *	6281 *		
* TOTAL	2345	19	73 *	5788	62 *	4079	91	4 *	7679 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1256	21	69 *	2831	33 *	2082	91	4 *	2401 *		
* DOWNBOUND	1256	22	71 *	2954	92 *	2193	92	2 *	5928 *		
* TOTAL	2512	22	70 *	5785	63 *	4275	92	3 *	8329 *		

*>>>> PERCENT CHANGE <<<<<	7%	19%	3% *	-0%	2% *	4%	5%	-11% *	8% *		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	OF	AVG DELAY	OF	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	371		1.0		1.0	399.8	7.5	.0			
*CURRENT QTR 10/86 THRU 12/86	421		1.0		1.0	446.3	5.8	.0			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	1647		1.1		1.1	1974.0	11.3	1.3			
*CURRENT YEAR 1/86 THRU 12/86	1703		1.0		1.0	1813.5	7.9	.0			

THE DALLES DAM
COLUMBIA RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

PAGE 100

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	148	4	93	*	506	51	*	156	92	3	454
* DOWNBOUND	144	4	92	*	498	90	*	148	93	4	1059
* TOTAL	292	4	92	*	1004	71	*	304	93	3	1513
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	178	1	95	*	617	43	*	178	97	1	434
* DOWNBOUND	178	1	94	*	621	91	*	177	98	1	1396
* TOTAL	356	1	95	*	1238	67	*	355	98	1	1830

*>>>> PERCENT CHANGE <<<<<	21%	-61%	25%	*	23%	16%	*	16%	23%	-66%	20%

* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	730	15	80	*	2177	38	*	788	79	9	1586
* DOWNBOUND	741	18	78	*	2153	91	*	796	77	10	4705
* TOTAL	1471	16	79	*	4330	64	*	1584	78	9	6291
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	783	15	81	*	2257	42	*	848	79	9	1759
* DOWNBOUND	777	12	83	*	2307	89	*	845	81	7	5027
* TOTAL	1560	14	82	*	4564	66	*	1693	80	8	6786

*>>>> PERCENT CHANGE <<<<<	6%	-9%	9%	*	5%	8%	*	6%	9%	-8%	7%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*			
*-----	DELAYED	OF	OF		TIME	MAX	OF	*			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*			

*PREVIOUS QTR 10/85 THRU 12/85	221	.1	.1		42.8	.9	.7	*			
*CURRENT QTR 10/86 THRU 12/86	337	.1	.1		51.8	1.2	.6	*			

* Y E A R T O D A T E								*			
*-----								*			
*PREVIOUS YEAR 1/85 THRU 12/85	972	.1	.1		187.8	2.6	8.3	*			
*CURRENT YEAR 1/86 THRU 12/86	1179	.1	.1		189.4	1.9	14.0	*			

JOHN DAY LOCK & DAM
COLUMBIA RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	145	3	93	*	496	52	*	150	93	3	398
* DOWNBOUND	142	2	94	*	503	89	*	146	95	2	1080
* TOTAL	287	2	94	*	999	70	*	296	94	2	1478
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	173	1	97	*	611	43	*	178	98	1	446
* DOWNBOUND	173	1	97	*	621	90	*	178	98	1	1859
* TOTAL	346	1	97	*	1232	67	*	356	98	1	2305

*>>>> PERCENT CHANGE <<<<<	20%	-37%	25%	*	23%	17%	*	20%	25%	-50%	55%

* Y E A R T O D A T E				*		*			*	*	
*.....				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	725	12	80	*	2127	38	*	762	80	6	1619
* DOWNBOUND	757	16	77	*	2143	90	*	784	78	8	4557
* TOTAL	1482	14	78	*	4270	64	*	1546	79	7	6176
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	759	12	85	*	2268	42	*	819	82	6	1809
* DOWNBOUND	803	10	78	*	2252	90	*	805	82	6	5326
* TOTAL	1562	11	81	*	4520	66	*	1624	82	6	7135

*>>>> PERCENT CHANGE <<<<<	5%	-16%	9%	*	5%	8%	*	5%	9%	-9%	15%

*(ALL TIMES EXPRESSED IN HOURS)											
*.....	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*	
*.....	TOWS	OF	OF		OF		TIME	MAX	OF	*	
* F O U R T H Q U A R T E R		DELAYED TOWS			ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*	

*PREVIOUS QTR 10/85 THRU 12/85	269		.1		.1		45.9	1.3	2.4	*	
*CURRENT QTR 10/86 THRU 12/86	338		.1		.1		61.7	1.2	2.5	*	

* Y E A R T O D A T E										*	
*.....										*	
*PREVIOUS YEAR 1/85 THRU 12/85	1163		.1		.1		129.8	1.8	2.5	*	
*CURRENT YEAR 1/86 THRU 12/86	1274		.2		.2		286.6	7.4	5.4	*	

WILLAMETTE FALLS LOCKS 1 - 4
WILLAMETTE RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESEL	VESEL	VESEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	310	10	80 *	329	57	*	377	93	5 *	43	*
* DOWNBOUND	302	10	72 *	284	98	*	354	93	5 *	125	*
* TOTAL	612	10	76 *	613	76	*	731	93	5 *	168	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	335	9	82 *	334	54	*	388	94	4 *	142	*
* DOWNBOUND	354	14	72 *	311	97	*	383	93	5 *	138	*
* TOTAL	689	11	77 *	645	75	*	771	94	5 *	280	*
*-----											
*>>>> PERCENT CHANGE <<<<<	12%	26%	13% *	5%	3%	*	5%	5%	0% *	66%	*
*-----											
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1435	36	53 *	994	67	*	1545	73	26 *	166	*
* DOWNBOUND	1492	39	45 *	868	97	*	1475	72	26 *	326	*
* TOTAL	2927	38	49 *	1862	81	*	3020	72	26 *	492	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1622	27	65 *	1307	53	*	1777	80	18 *	268	*
* DOWNBOUND	1701	31	58 *	1226	98	*	1792	79	20 *	526	*
* TOTAL	3323	29	62 *	2533	75	*	3569	79	19 *	794	*
*-----											
*>>>> PERCENT CHANGE <<<<<	13%	-11%	43% *	36%	26%	*	18%	29%	-12% *	61%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
*-----	DELATED	OF	OF	OF		TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs	*		
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	471		.0	.0		8.1	.2	.0	*		
*CURRENT QTR 10/86 THRU 12/86	514		3.8	3.7		1998.8	20.6	.0	*		
*-----											
* Y E A R T O D A T E									*		
*-----									*		
*PREVIOUS YEAR 1/85 THRU 12/85	1441		.0	.0		58.3	32.5	.0	*		
*CURRENT YEAR 1/86 THRU 12/86	1982		1.4	1.3		2828.9	402.6	.0	*		

WILLAMETTE FALLS GUARD LOCK
WILLAMETTE RIVER
G2 PORTLAND
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	439	7	57	*	255	43	*	405	94	5	28
* DOWNBOUND	433	7	50	*	219	96	*	391	93	5	111
* TOTAL	872	7	53	*	474	68	*	796	93	5	139
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	469	7	58	*	273	40	*	453	94	5	24
* DOWNBOUND	487	10	51	*	252	95	*	426	93	5	123
* TOTAL	956	9	54	*	525	66	*	879	93	5	147

*>>>> PERCENT CHANGE <<<<<	9%	33%	12%	*	10%	8%	*	10%	10%	21%	5%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1546	26	40	*	658	51	*	1525	54	26	77
* DOWNBOUND	1608	29	33	*	543	95	*	1453	51	27	232
* TOTAL	3154	27	36	*	1201	71	*	2978	53	26	309
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1938	14	53	*	1041	39	*	2001	48	17	90
* DOWNBOUND	1999	17	48	*	967	96	*	1937	43	19	478
* TOTAL	3937	16	50	*	2008	66	*	3938	45	18	568

*>>>> PERCENT CHANGE <<<<<	24%	-28%	71%	*	67%	56%	*	32%	14%	-10%	83%

*(ALL TIMES EXPRESSED IN HOURS)	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY		AVG STALL		*
*-----	DELAYED	OF	OF		TIME		MAX		OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)		(ALL VSL)		STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	468	.0	.0		7.8		.0		.0		*
*CURRENT QTR 10/86 THRU 12/86	522	3.7	3.7		1978.1		21.1		.0		*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	1161	.0	.0		19.4		24.0		.0		*
*CURRENT YEAR 1/86 THRU 12/86	1978	1.0	1.0		2002.5		21.1		.0		*

HIRAM M CHITTENDEN LOCKS
LAKE WASHINGTON SHP CA
G3 SEATTLE
NORTH PACIFIC DIVISION

PAGE 104

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	1067	32	21	* 305	71	* 577	88	2	* 334	*	
* DOWNBOUND	1007	27	25	* 667	67	* 526	88	2	* 147	*	
* TOTAL	2074	29	23	* 972	69	* 1103	88	2	* 481	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	1753	54	14	* 335	82	* 669	87	4	* 342	*	
* DOWNBOUND	1804	45	15	* 582	62	* 633	88	4	* 143	*	
* TOTAL	3557	49	14	* 917	69	* 1302	87	4	* 485	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	71%	187%	8%	* -5%	-4%	* 18%	16%	78%	* 0%	*	
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	14482	78	7	* 1433	73	* 2879	80	9	* 1481	*	
* DOWNBOUND	13515	76	8	* 2541	62	* 3055	81	9	* 792	*	
* TOTAL	27997	77	8	* 3974	66	* 5934	81	9	* 2273	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	14747	80	7	* 1402	80	* 2911	80	10	* 1617	*	
* DOWNBOUND	14429	76	8	* 2523	61	* 3063	81	10	* 644	*	
* TOTAL	29176	78	7	* 3925	68	* 5974	80	10	* 2261	*	
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	4%	4%	1%	* -1%	1%	* 0%	0%	10%	* -0%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*			
*-----	DELAYED	OF	OF		TIME	MAX	OF	*			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	*			
*-----								*			
*PREVIOUS QTR 10/85 THRU 12/85	438	.1	.1		55.8	4.3	1.5	*			
*CURRENT QTR 10/86 THRU 12/86	475	.0	.0		38.6	.6	1.9	*			
*-----								*			
* Y E A R T O D A T E								*			
*-----								*			
*PREVIOUS YEAR 1/85 THRU 12/85	1907	.0	.0		175.8	4.3	1.6	*			
*CURRENT YEAR 1/86 THRU 12/86	1993	.0	.0		162.6	1.6	14.2	*			

HIRAM M CHITTENDEN LOCKS AUX1
LAKE WASHINGTON SHP CA
G3 SEATTLE
NORTH PACIFIC DIVISION

PAGE 105

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----			*			*			*	*
*PREVIOUS QTR 10/85 THRU 12/85			*			*			*	*
* UPBOUND	2892	75	1 *	42	42	* 1687	55	39	* 0	*
* DOWNBOUND	2859	81	1 *	38	44	* 1602	47	48	* 1	*
* TOTAL	5751	78	1 *	80	43	* 3289	51	44	* 1	*
*CURRENT QTR 10/86 THRU 12/86			*			*			*	*
* UPBOUND	3578	76	0 *	22	36	* 1949	54	40	* 0	*
* DOWNBOUND	3341	81	0 *	20	40	* 1892	46	49	* 0	*
* TOTAL	6919	78	0 *	42	38	* 3841	50	45	* 0	*
*-----			*			*			*	*
*>>>> PERCENT CHANGE <<<<<	20%	20%	-47% *	-47%	-54%	* 16%	13%	19%	* -100%	*
*-----			*			*			*	*
* Y E A R T O D A T E			*			*			*	*
*-----			*			*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85			*			*			*	*
* UPBOUND	20349	90	0 *	103	27	* 7605	41	53	* 0	*
* DOWNBOUND	21695	92	0 *	100	54	* 7884	36	58	* 2	*
* TOTAL	42044	91	0 *	203	40	* 15489	38	56	* 2	*
*CURRENT YEAR 1/86 THRU 12/86			*			*			*	*
* UPBOUND	20657	89	0 *	76	23	* 7880	41	51	* 0	*
* DOWNBOUND	21008	91	0 *	82	67	* 8145	37	56	* 1	*
* TOTAL	41665	90	0 *	158	46	* 16025	39	54	* 1	*
*-----			*			*			*	*
*>>>> PERCENT CHANGE <<<<<	-0%	-1%	-22% *	-22%	-10%	* 3%	6%	-0%	* -50%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	2	.0	.0	.1	27.5	1.2				
*CURRENT QTR 10/86 THRU 12/86	1	.0	.0	.0	.8	1.2				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	4	.0	.0	.2	27.5	1.1				
*CURRENT YEAR 1/86 THRU 12/86	6	.0	.0	.3	1.7	6.9				

MCNARY LOCK & DAM
COLUMBIA RIVER
G4 WALLA WALLA
NORTH PACIFIC DIVISION

PAGE 106

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	156	8	85 *	456	55 *	150	93	6 *	394 *		
* DOWNBOUND	152	9	84 *	464	87 *	147	93	6 *	927 *		
* TOTAL	308	9	85 *	920	71 *	297	93	6 *	1321 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	176	6	92 *	573	45 *	175	95	4 *	434 *		
* DOWNBOUND	188	10	85 *	587	88 *	185	92	5 *	1310 *		
* TOTAL	364	8	88 *	1160	67 *	360	94	4 *	1744 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	18%	10%	22% *	26%	17% *	21%	22%	5% *	32% *		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	842	29	66 *	1941	44 *	801	75	17 *	1368 *		
* DOWNBOUND	867	32	64 *	1955	88 *	828	73	19 *	3971 *		
* TOTAL	1709	30	65 *	3896	66 *	1629	74	18 *	5339 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	875	29	68 *	2069	46 *	866	73	19 *	1606 *		
* DOWNBOUND	879	28	68 *	2078	87 *	874	74	18 *	4315 *		
* TOTAL	1754	28	68 *	4147	66 *	1740	74	18 *	5921 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	2%	-3%	6% *	6%	7% *	6%	6%	7% *	10% *		

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*-----	DELAYED	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS					
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	262	.0	.0	22.5	.8	.2 *					
*CURRENT QTR 10/86 THRU 12/86	322	.0	.0	31.0	.9	.3 *					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	1119	.0	.0	108.5	2.3	18.5 *					
*CURRENT YEAR 1/86 THRU 12/86	1196	.1	.1	132.4	4.8	.7 *					

ICE HARBOR LOCK & DAM
SNAKE RIVER
G4 WALLA WALLA
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*****	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*****	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*****	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*****	
* U P B O U N D	160	14	73	*	270	21	*	153	89	9	* 29
* D O W N B O U N D	157	12	75	*	278	98	*	155	87	10	* 636
* T O T A L	317	13	74	*	548	60	*	308	88	10	* 665
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*****	
* U P B O U N D	190	14	74	*	348	17	*	186	90	8	* 44
* D O W N B O U N D	190	12	76	*	362	99	*	188	90	7	* 917
* T O T A L	380	13	75	*	710	59	*	374	90	8	* 961

*>>>> PERCENT CHANGE <<<<<	19%	18%	21%	*	29%	26%	*	21%	24%	-6%	* 44%

* Y E A R T O D A T E				*		*			*	*****	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*****	
* U P B O U N D	1483	63	31	*	1140	17	*	1035	54	40	* 109
* D O W N B O U N D	1468	63	31	*	1150	98	*	1011	54	39	* 2600
* T O T A L	2951	63	31	*	2290	57	*	2046	54	39	* 2709
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*****	
* U P B O U N D	1647	64	30	*	1259	19	*	1112	54	39	* 175
* D O W N B O U N D	1623	63	32	*	1258	97	*	1089	56	37	* 2925
* T O T A L	3270	64	31	*	2517	58	*	2201	55	38	* 3100

*>>>> PERCENT CHANGE <<<<<	10%	11%	10%	*	9%	11%	*	7%	9%	4%	* 14%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL		*****	
*-----	TOWS	OF		OF	TIME		MAX	OF		*****	
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs		*****	

*PREVIOUS QTR 10/85 THRU 12/85	236	.0		.0	19.2		.9	.3		*****	
*CURRENT QTR 10/86 THRU 12/86	287	.0		.0	25.9		1.0	.6		*****	

* Y E A R T O D A T E										*****	

*PREVIOUS YEAR 1/85 THRU 12/85	927	.1		.1	143.5		51.8	2.0		*****	
*CURRENT YEAR 1/86 THRU 12/86	1027	.1		.1	138.8		25.7	1.0		*****	

LOWER MONUMENTAL LOCK & DAM
SNAKE RIVER
G4 WALLA WALLA
NORTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	87	8	88	* 245	24	* 88	89	7	* 36
* DOWNBOUND	87	8	88	* 252	96	* 89	91	7	* 555
* TOTAL	174	8	88	* 497	60	* 177	90	7	* 591
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	109	7	89	* 307	20	* 111	93	4	* 48
* DOWNBOUND	110	6	91	* 319	99	* 115	92	5	* 784
* TOTAL	219	6	90	* 626	60	* 226	92	4	* 832
*>>>> PERCENT CHANGE <<<<<	25%	7%	29%	* 25%	25%	* 27%	31%	21%	* 40%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	548	39	57	* 1025	19	* 521	66	23	* 120
* DOWNBOUND	547	39	58	* 1033	97	* 512	68	21	* 2253
* TOTAL	1095	39	58	* 2058	58	* 1033	67	22	* 2373
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	627	40	57	* 1128	22	* 573	68	21	* 178
* DOWNBOUND	610	39	59	* 1130	96	* 576	67	21	* 2542
* TOTAL	1237	40	58	* 2258	59	* 1149	68	21	* 2720
*>>>> PERCENT CHANGE <<<<<	12%	13%	13%	* 9%	11%	* 11%	11%	8%	* 14%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	154	.0	.0	14.8	1.0				
*CURRENT QTR 10/86 THRU 12/86	199	.1	.1	29.0	2.2				
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	636	.1	.1	68.7	2.1				
*CURRENT YEAR 1/86 THRU 12/86	721	.1	.1	81.2	2.5				

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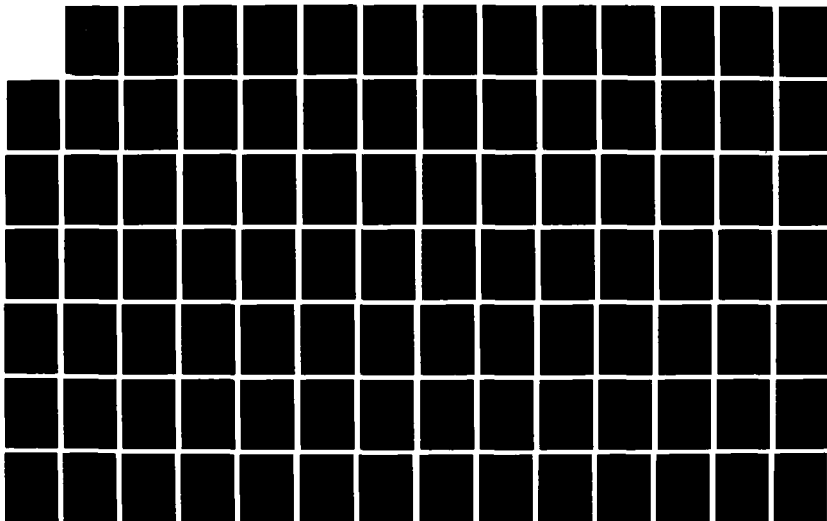
PERFORMANCE MONITORING SYSTEM: SUMMARY OF LOCK
STATISTICS FOR OCTOBER-DECEMBER 1986(U) ARMY ENGINEER
INST FOR WATER RESOURCES FORT BELVOIR VA F SHARP
MAY 87 INR-87-R-5

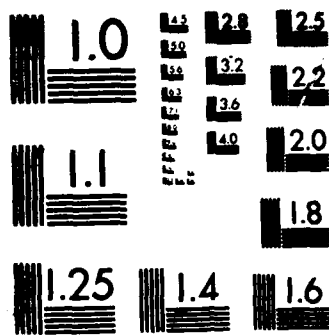
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

LITTLE GOOSE LOCK & DAM
 SNAKE RIVER
 G4 WALLA WALLA
 NORTH PACIFIC DIVISION

PAGE 109

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	94	15	80 *	229	25 *	92	84	13 *	33	*
* DOWNBOUND	94	15	80 *	236	95 *	95	85	13 *	502	*
* TOTAL	188	15	80 *	465	61 *	187	85	13 *	535	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	114	13	85 *	294	21 *	112	91	8 *	48	*
* DOWNBOUND	116	11	87 *	312	99 *	116	92	6 *	760	*
* TOTAL	230	12	86 *	606	61 *	228	92	7 *	808	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	22%	-6%	30% *	30%	30% *	21%	32%	-32% *	51%	*
*-----										*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	541	38	59 *	994	19 *	538	65	23 *	113	*
* DOWNBOUND	542	40	57 *	994	97 *	545	64	23 *	2115	*
* TOTAL	1083	39	58 *	1988	58 *	1083	64	23 *	2228	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	607	39	58 *	1093	22 *	564	68	21 *	181	*
* DOWNBOUND	605	39	59 *	1104	96 *	568	67	21 *	2448	*
* TOTAL	1212	39	58 *	2197	59 *	1132	68	21 *	2629	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	11%	12%	12% *	10%	12% *	4%	10%	-5% *	17%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED		OF	OF		TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85	152		.0	.0		12.3	.4	.0		*
*CURRENT QTR 10/86 THRU 12/86	198		.0	.0		16.6	.8	.9		*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	634		.0	.0		53.1	6.9	42.1		*
*CURRENT YEAR 1/86 THRU 12/86	711		.0	.0		56.6	.9	.8		*

LOWER GRANITE LOCK & DAM
SNAKE RIVER
G4 WALLA WALLA
NORTH PACIFIC DIVISION

PAGE 110

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	101	24	71	*	164	35	*	101	75	23	* 30
* D O W N B O U N D	102	25	69	*	167	95	*	102	74	24	* 325
* T O T A L	203	25	70	*	331	65	*	203	74	24	* 355
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	143	34	63	*	210	30	*	143	75	24	* 48
* D O W N B O U N D	144	33	63	*	216	95	*	141	77	21	* 460
* T O T A L	287	33	63	*	426	63	*	284	76	23	* 508
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	41%	90%	27%	*	28%	23%	*	39%	42%	34%	* 43%
*-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	825	61	36	*	763	25	*	692	51	47	* 107
* D O W N B O U N D	812	61	36	*	761	96	*	675	52	46	* 1471
* T O T A L	1637	61	36	*	1524	60	*	1367	51	46	* 1578
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	870	60	37	*	829	29	*	722	52	45	* 179
* D O W N B O U N D	879	60	37	*	828	94	*	721	51	46	* 1643
* T O T A L	1749	60	37	*	1657	61	*	1443	51	46	* 1822
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	6%	5%	10%	*	8%	10%	*	5%	5%	4%	* 15%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*	
* F O U R T H Q U A R T E R	TOWS	OF		OF		TIME	MAX	OF		*	
*-----		TOWS		TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*	
*PREVIOUS QTR 10/85 THRU 12/85	143	.0		.0		11.1	1.0	.0		*	
*CURRENT QTR 10/86 THRU 12/86	183	.1		.1		23.7	7.7	2.1		*	
*-----										*	
* Y E A R T O D A T E										*	
*-----										*	
*PREVIOUS YEAR 1/85 THRU 12/85	590	.0		.0		54.1	4.4	30.9		*	
*CURRENT YEAR 1/86 THRU 12/86	654	.1		.1		77.7	9.6	1.5		*	

WINFIELD LOCKS & DAM MAIN 1
KANAWHA RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	300	1	90	*	1605	22	*	1103	99	0 * 544
* DOWNBOUND	354	4	89	*	1928	87	*	1294	99	0 * 2000
* TOTAL	654	3	90	*	3533	58	*	2397	99	0 * 2544
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	216	0	91	*	1273	28	*	778	99	0 * 515
* DOWNBOUND	256	0	92	*	1578	87	*	971	99	0 * 1601
* TOTAL	472	0	92	*	2851	61	*	1749	99	0 * 2116

*>>>> PERCENT CHANGE <<<<<	-27%	-85%	-25%	*	-19%	-15%	*	-27%	-26%	-100% * -16%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1262	4	89	*	6640	32	*	4725	99	0 * 3592
* DOWNBOUND	1301	5	88	*	7029	82	*	4741	99	0 * 6748
* TOTAL	2563	5	89	*	13669	57	*	9466	99	0 * 10340
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1149	8	85	*	6144	26	*	4030	99	0 * 2326
* DOWNBOUND	1344	5	89	*	7515	86	*	4988	99	0 * 7766
* TOTAL	2493	6	88	*	13659	59	*	9018	99	0 * 10092

*>>>> PERCENT CHANGE <<<<<	-2%	28%	-3%	*	-0%	2%	*	-4%	-4%	-26% * -2%

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF			*
		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	457	4.2	3.3		1963.5	18.9	1.4			*
*CURRENT QTR 10/86 THRU 12/86	285	3.3	2.1		944.6	22.8	14.6			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1758	10.4	8.0		18424.5	84.9	2.2			*
*CURRENT YEAR 1/86 THRU 12/86	1662	5.0	3.8		8351.3	55.6	4.8			*

WINFIELD LOCKS & DAM MAIN 2
KANAWHA RIVER
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85			*			*			*	*
* UPBOUND	284	4	89 *	1575	16	* 1017	99	0 *	367	*
* DOWNBOUND	264	8	85 *	1284	82	* 851	99	0 *	1230	*
* TOTAL	548	6	87 *	2859	46	* 1868	99	0 *	1597	*
*CURRENT QTR 10/86 THRU 12/86			*			*			*	*
* UPBOUND	336	2	88 *	1876	21	* 1177	99	0 *	577	*
* DOWNBOUND	310	4	81 *	1553	79	* 958	99	0 *	1392	*
* TOTAL	646	3	85 *	3429	48	* 2135	99	0 *	1969	*

*>>>> PERCENT CHANGE <<<<<	17%	-43%	15% *	19%	24% *	14%	14%	-16% *	23%	*

* Y E A R T O D A T E			*			*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85			*			*			*	*
* UPBOUND	954	7	85 *	4904	19	* 3249	98	1 *	1398	*
* DOWNBOUND	991	11	81 *	4495	73	* 3194	98	1 *	3925	*
* TOTAL	1945	9	83 *	9399	45	* 6443	98	1 *	5323	*
*CURRENT YEAR 1/86 THRU 12/86			*			*			*	*
* UPBOUND	1438	8	83 *	7492	18	* 4901	99	0 *	1922	*
* DOWNBOUND	1266	12	79 *	6112	82	* 3897	98	1 *	5758	*
* TOTAL	2704	10	81 *	13604	46	* 8798	98	0 *	7680	*

*>>>> PERCENT CHANGE <<<<<	39%	58%	35% *	44%	49% *	36%	36%	0% *	44%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				*
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*

*PREVIOUS QTR 10/85 THRU 12/85	334	3.6	2.5	1206.3	12.5	11.4				*
*CURRENT QTR 10/86 THRU 12/86	377	8.8	6.0	3354.2	39.0	1.9				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1044	3.6	2.3	3807.4	26.3	7.0				*
*CURRENT YEAR 1/86 THRU 12/86	1575	5.6	4.0	8862.0	54.6	3.9				*

MARMET LOCKS & DAM MAIN 1
KANAWHA RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	189	1	92	*	901	9	*	651	99	0 * 102 *
* DOWNBOUND	246	2	89	*	1137	94	*	883	99	0 * 1350 *
* TOTAL	435	2	90	*	2038	57	*	1534	99	0 * 1452 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	232	0	91	*	1069	7	*	747	100	0 * 125 *
* DOWNBOUND	249	0	90	*	1232	96	*	853	99	0 * 1419 *
* TOTAL	481	0	90	*	2301	55	*	1600	99	0 * 1544 *

*>>>> PERCENT CHANGE <<<<<	10%	-88%	10%	*	12%	9%	*	4%	4%	-83% * 6% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	944	22	71	*	3279	10	*	2548	95	4 * 463 *
* DOWNBOUND	1150	19	75	*	4340	93	*	3382	96	3 * 5028 *
* TOTAL	2094	20	73	*	7619	57	*	5930	96	3 * 5491 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1001	9	83	*	4146	7	*	3256	98	1 * 416 *
* DOWNBOUND	1182	10	82	*	4999	94	*	3939	98	1 * 6018 *
* TOTAL	2183	10	83	*	9145	54	*	7195	98	1 * 6434 *

*>>>> PERCENT CHANGE <<<<<	4%	-47%	17%	*	20%	13%	*	21%	23%	-50% * 17% *

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
* F O U R T H Q U A R T E R	TOWS		OF		OF		TIME	MAX	OF	*
*-----			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*
*PREVIOUS QTR 10/85 THRU 12/85	103		1.5		.4		158.4	6.5	1.1	*
*CURRENT QTR 10/86 THRU 12/86	191		5.3		2.3		1025.9	23.8	2.9	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	402		2.2		.5		899.9	12.5	1.9	*
*CURRENT YEAR 1/86 THRU 12/86	709		3.2		1.2		2321.6	23.8	2.4	*

MARMET LOCKS & DAM MAIN 2
KANAWHA RIVER
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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	276	10	77	* 944	6	* 783	98	1	* 81
* D O W N B O U N D	204	4	81	* 719	94	* 572	98	1	* 829
* T O T A L	480	8	79	* 1663	44	* 1355	98	1	* 910
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	187	5	85	* 758	6	* 552	98	1	* 67
* D O W N B O U N D	171	8	74	* 587	92	* 445	97	2	* 650
* T O T A L	358	7	79	* 1345	44	* 997	97	2	* 717
*>>>> PERCENT CHANGE <<<<<	-25%	-33%	-24%	* -19%	-19%	* -26%	-26%	0%	* -21%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	1230	28	62	* 3273	8	* 2760	93	6	* 335
* D O W N B O U N D	983	32	57	* 2213	90	* 1960	90	8	* 2451
* T O T A L	2213	30	60	* 5486	41	* 4720	92	7	* 2786
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	1351	30	61	* 3759	11	* 3068	93	5	* 492
* D O W N B O U N D	1198	35	53	* 2844	91	* 2418	91	8	* 3214
* T O T A L	2549	32	57	* 6603	45	* 5486	92	6	* 3706
*>>>> PERCENT CHANGE <<<<<	15%	23%	10%	* 20%	32%	* 16%	16%	10%	* 33%

* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	89	1.6	.3	146.3	5.8	2.3			
*CURRENT QTR 10/86 THRU 12/86	41	1.6	.2	67.0	4.0	175.3			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	250	1.4	.2	359.9	6.9	8.7			
*CURRENT YEAR 1/86 THRU 12/86	406	1.8	.5	766.4	7.7	28.5			

LONDON LOCKS & DAM MAIN 1
KANAWHA RIVER
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	66	0	84	* 171	7	* 158	99	0	* 14	*
* DOWNBOUND	70	0	88	* 173	99	* 161	100	0	* 230	*
* TOTAL	136	0	86	* 344	53	* 319	99	0	* 244	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	20	5	90	* 74	0	* 70	97	1	* 0	*
* DOWNBOUND	40	0	95	* 156	100	* 139	100	0	* 219	*
* TOTAL	60	1	93	* 230	67	* 209	99	0	* 219	*

*>>>> PERCENT CHANGE <<<<<	-55%	0%	-52%	* -33%	-15%	* -34%	-34%	0%	* -10%	*

* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	218	2	83	* 580	2	* 582	98	1	* 20	*
* DOWNBOUND	188	4	86	* 484	99	* 482	98	1	* 676	*
* TOTAL	406	3	84	* 1064	46	* 1064	98	1	* 696	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	296	9	80	* 727	1	* 751	96	3	* 12	*
* DOWNBOUND	359	6	83	* 1045	99	* 1044	97	2	* 1505	*
* TOTAL	655	7	82	* 1772	59	* 1795	97	2	* 1517	*

*>>>> PERCENT CHANGE <<<<<	61%	271%	56%	* 66%	110%	* 68%	66%	221%	* 117%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
*-----	DELAYED		OF		OF		TIME	MAX	OF	*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	39		1.3		.4		53.0	5.2	1.5	*
*CURRENT QTR 10/86 THRU 12/86	14		1.5		.3		22.1	5.0	44.8	*

* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	103		2.6		.7		267.8	12.4	3.1	*
*CURRENT YEAR 1/86 THRU 12/86	184		1.9		.6		364.3	10.5	6.9	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUN JUL

LONDON LOCKS & DAM MAIN 2
KANAWHA RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	* (%)	(%)	* (%)	(%)	(%)	* (%)	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	175	2	82	*	388	3	*	388	98	1	13
* D O W N B O U N D	160	2	89	*	382	98	*	372	98	1	536
* T O T A L	335	2	85	*	770	50	*	760	98	1	549
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	190	4	83	*	471	0	*	448	97	1	1
* D O W N B O U N D	172	7	80	*	394	98	*	375	97	1	540
* T O T A L	362	6	81	*	865	45	*	823	97	1	541

*>>>> PERCENT CHANGE <<<<<	8%	144%	2%	*	12%	0%	*	8%	7%	66%	-1%

* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	613	14	76	*	1310	2	*	1390	93	6	36
* D O W N B O U N D	628	12	81	*	1396	98	*	1455	94	5	1946
* T O T A L	1241	13	78	*	2706	51	*	2845	94	5	1982
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	722	8	80	*	1722	1	*	1731	96	3	24
* D O W N B O U N D	650	11	78	*	1378	98	*	1404	95	4	1924
* T O T A L	1372	9	79	*	3100	44	*	3135	95	3	1948

*>>>> PERCENT CHANGE <<<<<	10%	-18%	11%	*	14%	-1%	*	10%	12%	-31%	-1%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF		TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	74	1.8	.4		140.3	24.0	3.8				
*CURRENT QTR 10/86 THRU 12/86	63	1.4	.2		88.3	5.7	1.5				

* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	233	2.8	.6		652.5	27.6	4.7				
*CURRENT YEAR 1/86 THRU 12/86	300	2.6	.7		807.0	146.6	2.5				

BELLEVILLE LOCKS & DAM
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*		(%)	(%) *	*	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	377	0	98 *	4129	83	* 374	99	0	* 4947	*	
* DOWNBOUND	341	0	97 *	3858	49	* 339	99	0	* 2685	*	
* TOTAL	718	0	98 *	7987	67	* 713	99	0	* 7632	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	339	0	99 *	3763	88	* 337	99	0	* 4772	*	
* DOWNBOUND	328	0	98 *	3808	46	* 325	100	0	* 2483	*	
* TOTAL	667	0	98 *	7571	67	* 662	99	0	* 7255	*	
*-----											
*>>>> PERCENT CHANGE <<<<<	-7%	-100%	-6% *	-5%	-4%	* -7%	-6%	-100%	* -4%	*	
*-----											
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1537	0	98 *	16734	81	* 1519	99	0	* 19707	*	
* DOWNBOUND	1462	0	97 *	16331	49	* 1446	99	0	* 12133	*	
* TOTAL	2999	0	98 *	33065	65	* 2965	99	0	* 31840	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1418	0	98 *	16181	86	* 1407	99	0	* 20266	*	
* DOWNBOUND	1382	0	98 *	16259	48	* 1363	99	0	* 11136	*	
* TOTAL	2800	0	98 *	32440	67	* 2770	99	0	* 31402	*	
*-----											
*>>>> PERCENT CHANGE <<<<<	-6%	-44%	-6% *	-1%	1%	* -6%	-6%	-50%	* -1%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	230		.7	.2	176.8	4.9	2.1	*			
*CURRENT QTR 10/86 THRU 12/86	194		.6	.1	131.2	3.1	1.2	*			
*-----											
* Y E A R T O D A T E								*			
*-----								*			
*PREVIOUS YEAR 1/85 THRU 12/85	906		.6	.1	584.2	4.9	1.4	*			
*CURRENT YEAR 1/86 THRU 12/86	825		.6	.1	545.8	4.3	2.0	*			

BELLEVILLE LOCKS & DAM AUX 1
OHIO RIVER
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*	

*PREVIOUS QTR 10/85 THRU 12/85											
* U P B O U N D	66	51	30 *	70	80	* 53	58	33 *	58		
* D O W N B O U N D	103	43	50 *	173	28	* 90	65	28 *	66		
* T O T A L	169	46	42 *	243	43	* 143	62	30 *	124		
*CURRENT QTR 10/86 THRU 12/86											
* U P B O U N D	46	32	60 *	88	69	* 50	68	26 *	66		
* D O W N B O U N D	65	43	50 *	104	49	* 69	56	37 *	33		
* T O T A L	111	38	54 *	192	58	* 119	61	32 *	99		

*>>>> PERCENT CHANGE <<<<<	-34%	-45%	-15% *	-20%	5% *	-16%	-18%	-11% *	-20%		

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85											
* U P B O U N D	545	74	20 *	370	79	* 424	31	66 *	327		
* D O W N B O U N D	670	66	29 *	679	25	* 527	42	54 *	208		
* T O T A L	1215	70	25 *	1049	44	* 951	37	59 *	535		
*CURRENT YEAR 1/86 THRU 12/86											
* U P B O U N D	684	78	19 *	387	66	* 523	28	69 *	276		
* D O W N B O U N D	764	75	21 *	503	37	* 580	32	65 *	168		
* T O T A L	1448	76	20 *	890	50	* 1103	30	67 *	444		

*>>>> PERCENT CHANGE <<<<<	19%	29%	-3% *	-15%	-3% *	15%	-5%	30% *	-17%		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
*-----	TOWS	OF		OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	0	.7		.0		.0	.3	5.2			
*CURRENT QTR 10/86 THRU 12/86	3	.7		.0		2.2	.9	.0			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	11	.4		.0		4.6	1.2	12.6			
*CURRENT YEAR 1/86 THRU 12/86	25	.3		.0		8.7	1.1	.0			

RACINE LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	414	0	96	* 4372	79	* 403	99	0	* 4949
* DOWNBOUND	388	1	95	* 4091	51	* 382	98	0	* 2814
* TOTAL	802	0	96	* 8463	65	* 785	99	0	* 7763
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	385	0	97	* 4034	83	* 378	99	0	* 4906
* DOWNBOUND	369	0	98	* 4046	50	* 366	99	0	* 2693
* TOTAL	754	0	97	* 8080	66	* 744	99	0	* 7599
*>>>> PERCENT CHANGE <<<<<	-5%	-71%	-4%	* -4%	-3%	* -5%	-4%	-50%	* -2%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1649	0	97	* 17770	77	* 1627	99	0	* 19881
* DOWNBOUND	1596	0	97	* 17314	51	* 1574	99	0	* 12825
* TOTAL	3245	0	97	* 35084	64	* 3201	99	0	* 32706
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1623	2	95	* 17307	82	* 1585	98	1	* 20545
* DOWNBOUND	1612	3	95	* 17467	52	* 1574	97	1	* 12211
* TOTAL	3235	3	95	* 34774	66	* 3159	98	1	* 32756
*>>>> PERCENT CHANGE <<<<<	-0%	390%	-2%	* -0%	2%	* -1%	-2%	381%	* 0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	254	1.5	.5	395.3	39.0	6.0			
*CURRENT QTR 10/86 THRU 12/86	204	.7	.2	151.1	3.5	1.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1040	1.0	.3	1103.0	39.0	3.9			
*CURRENT YEAR 1/86 THRU 12/86	963	.8	.2	775.3	5.3	1.8			

RACINE LOCKS & DAM AUX 1
OHIO RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTOWS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	72	41	37	*	76	30	*	53	67	15 * 31 *
* DOWNBOUND	95	44	45	*	132	51	*	84	60	27 * 67 *
* TOTAL	167	43	41	*	208	43	*	137	63	22 * 98 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	72	13	73	*	174	28	*	77	84	11 * 63 *
* DOWNBOUND	88	18	65	*	196	54	*	93	80	16 * 94 *
* TOTAL	160	16	69	*	370	42	*	170	82	14 * 157 *

*>>>> PERCENT CHANGE <<<<<	-4%	-63%	58%	*	77%	72%	*	24%	60%	22% * 60% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	433	59	30	*	381	49	*	358	45	48 * 269 *
* DOWNBOUND	495	57	36	*	588	40	*	433	47	46 * 240 *
* TOTAL	928	58	34	*	969	43	*	791	46	47 * 509 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	443	52	40	*	580	34	*	398	52	43 * 248 *
* DOWNBOUND	476	51	40	*	633	55	*	436	53	42 * 323 *
* TOTAL	919	51	40	*	1213	45	*	834	52	43 * 571 *

*>>>> PERCENT CHANGE <<<<<	-0%	-12%	17%	*	25%	29%	*	5%	19%	-4% * 12% *

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY		AVG STALL		*
*-----	DELAYED	OF	OF		TIME	MAX		OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	4	.2	.0		1.1	.4		7.3		*
*CURRENT QTR 10/86 THRU 12/86	5	.4	.0		2.1	.9		81.6		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	13	.3	.0		4.2	.6		10.0		*
*CURRENT YEAR 1/86 THRU 12/86	13	.4	.0		5.6	.9		42.5		*

GALLIPOLIS LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	528	2	90	*	4314	76	* 810	98	0 *	5070 *
* D O W N B O U N D	533	5	88	*	4162	58	* 793	97	1 *	3477 *
* T O T A L	1061	4	89	*	8476	67	* 1603	98	1 *	8547 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	459	0	97	*	4336	79	* 767	99	0 *	5374 *
* D O W N B O U N D	446	0	98	*	4352	51	* 766	99	0 *	3205 *
* T O T A L	905	0	98	*	8688	65	* 1533	99	0 *	8579 *

*>>>> PERCENT CHANGE <<<<<	-14%	-95%	-6%	*	2%	-1%	* -4%	-3%	-94%	* 0%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1861	3	92	*	16211	77	* 2964	98	0 *	19334 *
* D O W N B O U N D	1893	4	90	*	16107	55	* 2963	98	1 *	12884 *
* T O T A L	3754	3	91	*	32318	66	* 5927	98	1 *	32218 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1649	0	95	*	15722	77	* 2748	99	0 *	18828 *
* D O W N B O U N D	1668	1	94	*	16001	54	* 2781	99	0 *	12597 *
* T O T A L	3317	0	95	*	31723	65	* 5529	99	0 *	31425 *

*>>>> PERCENT CHANGE <<<<<	-11%	-83%	-8%	*	-1%	-2%	* -6%	-5%	-89%	* -2%

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF			*
*-----		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*
*PREVIOUS QTR 10/85 THRU 12/85	759	5.1	4.0		3876.2	31.0	2.3			*
*CURRENT QTR 10/86 THRU 12/86	627	3.0	2.1		1917.0	17.0	2.1			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	2555	3.7	2.7		9579.9	31.0	2.3			*
*CURRENT YEAR 1/86 THRU 12/86	2438	5.4	4.2		13315.0	86.7	2.4			*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL										

GALLIPOLIS LOCKS & DAM AUX 1
OHIO RIVER
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OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	*
*-----				*		*			*	*	*
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*	*	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	*
* UPBOUND	90	14	53	*	107	37	*	96	81	12	* 54
* DOWNBOUND	105	20	44	*	129	51	*	114	78	17	* 53
* TOTAL	195	17	48	*	236	45	*	210	79	15	* 107
*-----				*		*			*	*	*
*>>>> PERCENT CHANGE <<<<<	0%	0%	0%	*	0%	0%	*	0%	0%	0%	* 0%
*-----				*		*			*	*	*
* Y E A R T O D A T E				*		*			*	*	*
*-----				*		*			*	*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	*
* UPBOUND	283	36	43	*	604	72	*	379	78	18	* 680
* DOWNBOUND	262	37	43	*	539	51	*	350	78	19	* 375
* TOTAL	545	37	43	*	1143	62	*	729	78	19	* 1055
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	*
* UPBOUND	578	24	60	*	2729	69	*	1179	90	8	* 2921
* DOWNBOUND	581	27	56	*	2598	66	*	1140	90	8	* 2414
* TOTAL	1159	26	58	*	5327	67	*	2319	90	8	* 5335
*-----				*		*			*	*	*
*>>>> PERCENT CHANGE <<<<<	112%	48%	184%	*	366%	409%	*	218%	267%	41%	* 405%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*-----	DELAYED	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*-----											
*CURRENT QTR 10/86 THRU 12/86	6	.5	.0	3.4	.8	.8					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	98	26.6	10.9	2613.2	67.2	1.6					
*CURRENT YEAR 1/86 THRU 12/86	453	64.5	43.2	29223.3	771.9	3.3					

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT NOV DEC											
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR											

GREENUP LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*
*-----				*		*			*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* U P B O U N D	620	1	95	* 6123	31	* 605	99	0	* 2919
* D O W N B O U N D	616	1	96	* 6124	87	* 605	99	0	* 8122
* T O T A L	1236	1	96	* 12247	59	* 1210	99	0	* 11041
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* U P B O U N D	579	0	97	* 5557	37	* 566	100	0	* 3291
* D O W N B O U N D	567	0	97	* 5631	84	* 559	99	0	* 7247
* T O T A L	1146	0	97	* 11188	61	* 1125	99	0	* 10538
*-----				*		*			*
*>>>> PERCENT CHANGE <<<<<	-7%	-88%	-5%	* -8%	-6%	* -7%	-6%	-83%	* -4%
*-----				*		*			*
* Y E A R T O D A T E				*		*			*
*-----				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* U P B O U N D	2390	3	92	* 22318	33	* 2298	97	1	* 11778
* D O W N B O U N D	2373	4	91	* 22163	86	* 2278	97	2	* 28720
* T O T A L	4763	4	91	* 44481	60	* 4576	97	1	* 40498
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* U P B O U N D	2369	1	95	* 22969	34	* 2296	99	0	* 12328
* D O W N B O U N D	2317	0	96	* 23129	86	* 2265	99	0	* 30044
* T O T A L	4686	1	95	* 46098	60	* 4561	99	0	* 42372
*-----				*		*			*
*>>>> PERCENT CHANGE <<<<<	-1%	-72%	2%	* 3%	4%	* -0%	1%	-81%	* 4%
*-----				*		*			*
*(ALL TIMES EXPRESSED IN HOURS)									
*-----									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*-----									
*PREVIOUS QTR 10/85 THRU 12/85	561	.8	.3	466.9	5.0	.0			
*CURRENT QTR 10/86 THRU 12/86	459	.7	.2	331.5	3.1	1.7			
*-----									
* Y E A R T O D A T E									
*-----									
*PREVIOUS YEAR 1/85 THRU 12/85	1912	.7	.3	1456.8	5.5	1.7			
*CURRENT YEAR 1/86 THRU 12/86	2006	1.2	.5	2494.0	50.1	17.6			
*-----									

GREENUP LOCKS & DAM AUX 1
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	272	54	30 *	242	19	* 199	60	37 *	69 *		
* DOWNBOUND	235	44	31 *	185	51	* 184	67	30 *	139 *		
* TOTAL	507	50	30 *	427	33	* 383	64	34 *	208 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	369	56	25 *	206	23	* 258	60	37 *	70 *		
* DOWNBOUND	321	49	23 *	160	65	* 240	67	31 *	146 *		
* TOTAL	690	52	24 *	366	42	* 498	63	34 *	216 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	36%	43%	8% *	-14%	7% *	30%	29%	31% *	3% *		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	1338	71	18 *	672	26	* 904	42	56 *	267 *		
* DOWNBOUND	1279	66	19 *	593	42	* 870	48	50 *	373 *		
* TOTAL	2617	68	18 *	1265	34	* 1774	45	53 *	640 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1681	63	23 *	1530	27	* 1174	54	44 *	608 *		
* DOWNBOUND	1622	61	23 *	1391	73	* 1141	58	41 *	1492 *		
* TOTAL	3303	62	23 *	2921	49	* 2315	56	42 *	2100 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	26%	14%	58% *	130%	232% *	30%	62%	4% *	228% *		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
* F O U R T H Q U A R T E R	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
	TOWS		OF	OF		TIME	MAX	OF			
			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	12		.4	.0		5.3	1.0	.0			
*CURRENT QTR 10/86 THRU 12/86	13		.2	.0		3.6	10.0	.0			
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	35		.3	.0		12.8	1.0	1.0			
*CURRENT YEAR 1/86 THRU 12/86	184		8.9	2.1		1648.9	46.0	2.1			

CAPT ANT MELDAHL LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	612	6	91 *	6042	36	* 602	94	5 *	3405	*
* DOWNBOUND	625	10	87 *	5958	88	* 603	92	7 *	7950	*
* TOTAL	1237	8	89 *	12000	62	* 1205	93	6 *	11355	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	618	10	87 *	5805	34	* 580	94	5 *	3181	*
* DOWNBOUND	664	14	82 *	5920	88	* 602	93	6 *	7826	*
* TOTAL	1282	12	85 *	11725	61	* 1182	93	6 *	11007	*

*>>>> PERCENT CHANGE <<<<<	3%	54%	-1% *	-2%	-3% *	-1%	-1%	-3% *	-3%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2488	15	83 *	22365	38	* 2245	93	6 *	13423	*
* DOWNBOUND	2539	17	80 *	22171	85	* 2243	92	7 *	28376	*
* TOTAL	5027	16	81 *	44536	61	* 4488	92	7 *	41799	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2359	5	92 *	24216	32	* 2268	96	2 *	12617	*
* DOWNBOUND	2382	6	91 *	24326	90	* 2282	96	3 *	33124	*
* TOTAL	4741	6	91 *	48542	61	* 4550	96	3 *	45741	*

*>>>> PERCENT CHANGE <<<<<	-5%	-65%	5% *	8%	9% *	1%	5%	-51% *	9%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	595	1.3	.7	782.2	10.0	2.4				
*CURRENT QTR 10/86 THRU 12/86	545	1.2	.6	681.3	7.8	2.6				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	2017	1.3	.6	2643.3	24.0	2.1				
*CURRENT YEAR 1/86 THRU 12/86	2179	1.1	.5	2557.5	24.4	1.6				

CAPT ANT MELDAHL LK&DAM AUX 1
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	15	0	93	*	45 40	*	15	100	0	* 25	*
* D O W N B O U N D	27	14	70	*	59 40	*	27	81	14	* 33	*
* T O T A L	42	9	78	*	104 40	*	42	88	9	* 58	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	42	19	66	*	68 41	*	41	82	17	* 43	*
* D O W N B O U N D	30	50	36	*	23 65	*	26	57	42	* 16	*
* T O T A L	72	31	54	*	91 47	*	67	73	26	* 59	*
*-----											
*>>>> PERCENT CHANGE <<<<<	71%	475%	18%	*	-12%	2%	* 59%	32%	350%	* 1%	*
*-----											
* Y E A R T O D A T E				*		*			*	*	
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	1839	93	5	*	319 59	*	713	16	82	* 276	*
* D O W N B O U N D	1775	92	5	*	345 39	*	722	18	81	* 188	*
* T O T A L	3614	93	5	*	664 49	*	1435	17	81	* 464	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	2753	94	4	*	287 49	*	1049	14	85	* 199	*
* D O W N B O U N D	2642	94	4	*	242 47	*	1042	13	85	* 144	*
* T O T A L	5395	94	4	*	529 48	*	2091	14	85	* 343	*
*-----											
*>>>> PERCENT CHANGE <<<<<	49%	51%	16%	*	-20%	-21%	* 45%	18%	52%	* -26%	*

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELATED	OF	OF			TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS			TIME	MAX	OF			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	0	1.3	.0			.0	.0	123.9			
*CURRENT QTR 10/86 THRU 12/86	2	.5	.0			1.0	.6	783.3			
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	14	.8	.0			12.3	2.0	49.9			
*CURRENT YEAR 1/86 THRU 12/86	15	2.1	.1			31.7	24.0	207.6			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 MAR

WILLOW ISLAND LOCKS & DAM
OHIO RIVER
H1 HUNTINGTON
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	345	0	97	*	3759 81	*	342 99	0	* 4250	*
* DOWNBOUND	330	0	98	*	3569 52	*	330 99	0	* 2537	*
* TOTAL	675	0	97	*	7328 67	*	672 99	0	* 6787	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	334	0	99	*	3558 83	*	332 100	0	* 4249	*
* DOWNBOUND	327	0	99	*	3634 51	*	325 99	0	* 2509	*
* TOTAL	661	0	99	*	7192 67	*	657 99	0	* 6758	*

*>>>> PERCENT CHANGE <<<<<	-2%	0%	-0%	*	-1% -1%	*	-2% -1%	0%	* -0%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1467	1	97	*	15653 80	*	1450 99	0	* 17373	*
* DOWNBOUND	1431	1	97	*	15480 52	*	1413 99	0	* 11842	*
* TOTAL	2898	1	97	*	31133 66	*	2863 99	0	* 29215	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1391	0	98	*	15389 83	*	1383 99	0	* 18070	*
* DOWNBOUND	1369	0	98	*	15502 52	*	1356 99	0	* 11051	*
* TOTAL	2760	0	98	*	30891 67	*	2739 99	0	* 29121	*

*>>>> PERCENT CHANGE <<<<<	-4%	-56%	-3%	*	-0% 1%	*	-4% -4%	-50%	* -0%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
.....	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
.....	TOWS	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	190	.6	.1		126.8	2.3	3.8			*
*CURRENT QTR 10/86 THRU 12/86	163	.6	.1		113.6	4.4	.0			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	816	.6	.1		546.0	3.1	2.1			*
*CURRENT YEAF 1/86 THRU 12/86	742	.6	.1		497.2	4.4	1.0			*

WILLOW ISLAND LOCKS & DAM AUX
OHIO RIVER
#1 HUNTINGTON
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		

*PREVIOUS QTR 10/85 THRU 12/85										
* U P B O U N D	84	8	67 *	169	68 *	89	87	6 *	95 *	
* D O W N B O U N D	102	18	65 *	206	33 *	108	78	15 *	90 *	
* T O T A L	186	13	66 *	375	49 *	197	82	11 *	185 *	
*CURRENT QTR 10/86 THRU 12/86										
* U P B O U N D	125	39	49 *	229	31 *	109	70	24 *	87 *	
* D O W N B O U N D	160	45	47 *	248	72 *	129	69	27 *	128 *	
* T O T A L	285	42	48 *	477	53 *	238	70	26 *	215 *	

*>>>> PERCENT CHANGE <<<<<	53%	365%	11% *	27%	36% *	20%	2%	169% *	16% *	

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* U P B O U N D	978	60	23 *	762	65 *	604	49	43 *	429 *	
* D O W N B O U N D	1088	60	26 *	927	31 *	678	50	42 *	328 *	
* T O T A L	2066	60	25 *	1689	46 *	1282	49	42 *	757 *	
*CURRENT YEAR 1/86 THRU 12/86										
* U P B O U N D	1055	69	22 *	860	23 *	665	48	49 *	263 *	
* D O W N B O U N D	1090	67	28 *	1040	73 *	716	50	48 *	613 *	
* T O T A L	2145	68	25 *	1900	50 *	1381	49	48 *	876 *	

*>>>> PERCENT CHANGE <<<<<	3%	17%	6% *	12%	21% *	7%	6%	23% *	15% *	

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	11	.3	.0	3.9	.7	11.9				
*CURRENT QTR 10/86 THRU 12/86	6	.4	.0	2.6	.9	.0				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	43	.3	.0	16.7	.8	5.9				
*CURRENT YEAR 1/86 THRU 12/86	40	.3	.0	14.6	.9	.0				

LOCK & DAM 1
GREEN/BARREN RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	482	3	95	* 1755	10	* 480	59	2	* 278	*
* DOWNBOUND	478	3	93	* 1729	95	* 476	65	3	* 2480	*
* TOTAL	960	3	94	* 3484	52	* 956	62	3	* 2758	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	381	4	92	* 1280	16	* 380	72	4	* 314	*
* DOWNBOUND	379	5	90	* 1250	94	* 377	72	4	* 1797	*
* TOTAL	760	5	91	* 2530	54	* 757	72	4	* 2111	*

*>>>> PERCENT CHANGE <<<<<	-20%	11%	-23%	* -27%	-24%	* -20%	-8%	20%	* -23%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2286	21	76	* 6636	11	* 2083	66	14	* 1148	*
* DOWNBOUND	2253	22	75	* 6521	94	* 2045	68	13	* 9270	*
* TOTAL	4539	21	76	* 13157	52	* 4128	67	14	* 10418	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1945	24	73	* 5305	15	* 1781	68	17	* 1199	*
* DOWNBOUND	1924	24	73	* 5265	92	* 1759	69	17	* 7362	*
* TOTAL	3869	24	73	* 10570	53	* 3540	69	17	* 8561	*

*>>>> PERCENT CHANGE <<<<<	-14%	-2%	-18%	* -19%	-18%	* -14%	-12%	6%	* -17%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY		DELAY	AVG STALL			
*-----	TOWS	OF	OF	TIME		MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	90	.3	.0	29.0		1.0	4.7			
*CURRENT QTR 10/86 THRU 12/86	60	.2	.0	13.8		.6	7.0			

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	399	.3	.0	127.8		2.2	3.8			
*CURRENT YEAR 1/86 THRU 12/86	324	.3	.0	107.7		5.0	2.9			

LOCK & DAM 2
GREEN/BARREN RIVER
#2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	KTOWS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	335	2	94 *	1227	3 *	331	96	1 *	59	*
* DOWNBOUND	333	3	94 *	1220	97 *	332	96	2 *	1787	*
* TOTAL	668	2	94 *	2447	50 *	663	96	2 *	1846	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	247	2	95 *	889	6 *	247	95	2 *	83	*
* DOWNBOUND	251	2	95 *	890	93 *	250	94	2 *	1238	*
* TOTAL	498	2	95 *	1779	49 *	497	94	2 *	1321	*

*>>>> PERCENT CHANGE <<<<<	-25%	-35%	-24% *	-27%	-28% *	-25%	-26%	-14% *	-28%	*

* Y E A R T O D A T E				*		*			*	*
*.....				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1325	7	90 *	4642	3 *	1289	93	4 *	242	*
* DOWNBOUND	1314	6	90 *	4602	96 *	1289	93	4 *	6669	*
* TOTAL	2639	6	90 *	9244	49 *	2578	93	4 *	6911	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1120	10	87 *	3753	4 *	1109	88	9 *	245	*
* DOWNBOUND	1117	11	86 *	3712	95 *	1103	87	9 *	5320	*
* TOTAL	2237	11	87 *	7465	49 *	2212	88	9 *	5565	*

*>>>> PERCENT CHANGE <<<<<	-15%	34%	-18% *	-19%	-19% *	-14%	-19%	84% *	-19%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
*.....	DELAYED	OF	OF			TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	71	.4	.0			34.9	4.2	4.3		*
*CURRENT QTR 10/86 THRU 12/86	42	.3	.0			14.4	.8	.0		*

* Y E A R T O D A T E										*
*.....										*
*PREVIOUS YEAR 1/85 THRU 12/85	259	.3	.0			101.4	4.2	3.8		*
*CURRENT YEAR 1/86 THRU 12/86	207	.3	.0			78.9	2.2	20.9		*

MARKLAND LOCKS & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
*-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	564	0	98	* 5973	42	* 563	99	0	* 3916	*
* DOWNBOUND	554	0	98	* 5870	90	* 553	99	0	* 7873	*
* TOTAL	1118	0	98	* 11843	65	* 1116	99	0	* 11789	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	538	0	98	* 5572	46	* 540	100	0	* 4140	*
* DOWNBOUND	534	0	98	* 5535	83	* 535	99	0	* 6824	*
* TOTAL	1072	0	98	* 11107	65	* 1075	99	0	* 10964	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-4%	-85%	-3%	* -6%	-7%	* -3%	-3%	-66%	* -6%	*
*-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1970	12	86	* 17862	48	* 1810	95	4	* 13692	*
* DOWNBOUND	1917	11	87	* 17468	85	* 1797	94	4	* 22209	*
* TOTAL	3887	11	87	* 35330	66	* 3607	95	4	* 35901	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2203	1	97	* 22986	45	* 2193	99	0	* 16632	*
* DOWNBOUND	2178	1	97	* 22948	85	* 2166	99	0	* 29069	*
* TOTAL	4381	1	97	* 45934	65	* 4359	99	0	* 45701	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	12%	-89%	26%	* 30%	27%	* 20%	26%	-89%	* 27%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED	OF	OF			TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85	588	1.3	.7			794.3	13.0	1.8		*
*CURRENT QTR 10/86 THRU 12/86	539	1.1	.5			606.2	5.9	2.0		*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	1730	1.4	.7			2488.6	36.5	5.1		*
*CURRENT YEAR 1/86 THRU 12/86	2084	1.0	.5			2233.3	5.9	1.9		*

MARKLAND LOCKS & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	176	73	20 *	92	50	* 99	46	52 *	73	*	
* D O W N B O U N D	222	74	19 *	110	50	* 143	38	59 *	67	*	
* T O T A L	398	74	19 *	202	50	* 242	41	56 *	140	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	187	64	30 *	121	57	* 139	49	49 *	126	*	
* D O W N B O U N D	201	67	28 *	144	44	* 153	44	54 *	101	*	
* T O T A L	388	65	29 *	265	50	* 292	46	52 *	227	*	

*>>>> PERCENT CHANGE <<<<<	-2%	-13%	44% *	31%	32%	* 20%	35%	11% *	62%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	1386	66	31 *	3552	47	* 1008	68	29 *	2764	*	
* D O W N B O U N D	1462	66	31 *	3798	82	* 1135	65	33 *	4690	*	
* T O T A L	2848	66	31 *	7350	65	* 2143	66	31 *	7454	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	2545	90	8 *	446	55	* 1124	22	76 *	425	*	
* D O W N B O U N D	2548	90	8 *	476	33	* 1166	22	77 *	223	*	
* T O T A L	5093	90	8 *	922	43	* 2290	22	77 *	648	*	

*>>>> PERCENT CHANGE <<<<<	78%	142%	-54% *	-87%	-91%	* 6%	-64%	159% *	-91%	*	

*(ALL TIMES EXPRESSED IN HOURS)	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG STALL		*	
*-----	DELAYED	OF	OF	OF	TIME	MAX	OF			*	
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED	VSLs		*	

*PREVIOUS QTR 10/85 THRU 12/85	9	.5	.0		4.9	1.2	124.6		*		
*CURRENT QTR 10/86 THRU 12/86	9	.5	.0		4.7	1.1	.0		*		

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	656	5.7	4.1		3768.0	22.7	13.6		*		
*CURRENT YEAR 1/86 THRU 12/86	47	.3	.0		18.6	1.1	141.9		*		

MCALPINE LOCKS & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	810	4	81	* 6723	52	* 751	97	2	* 5420
* DOWNBOUND	852	10	78	* 6568	86	* 782	94	5	* 8438
* TOTAL	1662	7	80	* 13291	69	* 1533	95	3	* 13858
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	819	10	80	* 6116	54	* 733	96	3	* 5315
* DOWNBOUND	871	14	77	* 6224	81	* 770	92	6	* 7627
* TOTAL	1690	12	78	* 12340	68	* 1503	94	4	* 12942
*>>>> PERCENT CHANGE <<<<<	1%	64%	0%	* -7%	-8%	* -1%	-3%	25%	* -6%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	3209	17	73	* 22815	60	* 2851	89	9	* 21391
* DOWNBOUND	3311	19	71	* 22310	80	* 2913	87	11	* 26822
* TOTAL	6520	18	72	* 45125	70	* 5764	88	10	* 48213
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	3742	20	69	* 25149	54	* 3154	89	10	* 21670
* DOWNBOUND	3820	22	70	* 25316	84	* 3234	87	11	* 31775
* TOTAL	7562	21	70	* 50465	69	* 6388	88	10	* 53445
*>>>> PERCENT CHANGE <<<<<	15%	34%	12%	* 11%	10%	* 10%	10%	16%	* 10%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY OF		AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX		AVG STALL OF
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS	(TOWS)	(ALL VSL)		STALLED VSL
*PREVIOUS QTR 10/85 THRU 12/85	843		1.5		.9	1277.0	9.1		2.8
*CURRENT QTR 10/86 THRU 12/86	844		1.2		.7	1050.1	14.7		1.0
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2824		1.4		.8	4020.4	21.9		2.9
*CURRENT YEAR 1/86 THRU 12/86	3409		1.3		.8	4654.2	14.7		1.8

MCALPINE LOCKS & DAM AUX 1

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OHIO RIVER

H2 LOUISVILLE

OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE		
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS		
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*		
*.....											
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	4	0	100 *	7	42	5	80	0	6		
* DOWNBOUND	5	0	100 *	16	87	5	100	0	31		
* TOTAL	9	0	100 *	23	73	10	90	0	37		
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0%	0%	0%	0%	0%		
*.....											
* Y E A R T O D A T E				*		*			*		
*.....				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	80	10	77 *	533	61	110	91	6	529		
* DOWNBOUND	91	15	79 *	680	76	132	90	6	794		
* TOTAL	171	12	78 *	1213	70	242	91	6	1323		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	50	40	54 *	70	84	45	64	28	101		
* DOWNBOUND	50	36	52 *	66	33	46	65	28	44		
* TOTAL	100	38	53 *	136	59	91	64	28	145		
*.....											
*>>>> PERCENT CHANGE <<<<<	-41%	72%	-60% *	-88%	-90%	-62%	-73%	62%	89%		

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY		AVG STALL	
*.....		DELATED		OF		TIME		MAX		OF	
* F O U R T H Q U A R T E R		TOWS		DELATED TOWS		ALL TOWS		(TOWS)		(ALL VSL) STALLED VSLs	
*.....											
*CURRENT QTR 10/86 THRU 12/86		5		2.8		1.6		14.4		6.4	
*.....											
* Y E A R T O D A T E											
*.....											
*PREVIOUS YEAR 1/85 THRU 12/85		131		8.4		8.2		1103.4		22.9	
*CURRENT YEAR 1/86 THRU 12/86		17		1.6		.5		28.2		6.4	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR MAY JUN SEP OCT NOV DEC
 NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR DEC

LOCK & DAM 52
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	1172	2	84 *	10980	37	* 1069	18	2 *	6513	*
* D O W N B O U N D	1162	0	90 *	11338	84	* 1122	17	0 *	13899	*
* T O T A L	2334	1	87 *	22318	61	* 2191	17	1 *	20412	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	1197	0	89 *	11346	46	* 1181	4	3 *	8592	*
* D O W N B O U N D	1239	0	92 *	11758	75	* 1232	0	0 *	12768	*
* T O T A L	2436	0	90 *	23104	61	* 2413	2	2 *	21360	*
*-----										
*>>>> PERCENT CHANGE <<<<<	4%	-82%	8% *	3%	3%	* 10%	-84%	88%	* 4%	*
*-----										
* Y E A R T O D A T E				*		*			*	*
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	4269	0	88 *	40395	45	* 3989	26	0 *	28549	*
* D O W N B O U N D	4328	0	90 *	40342	78	* 4174	25	0 *	46669	*
* T O T A L	8597	0	89 *	80737	62	* 8163	25	0 *	75218	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	4331	0	89 *	43193	44	* 4150	25	1 *	30216	*
* D O W N B O U N D	4472	1	90 *	43745	77	* 4365	25	1 *	49497	*
* T O T A L	8803	1	90 *	86938	61	* 8515	25	1 *	79713	*
*-----										
*>>>> PERCENT CHANGE <<<<<	2%	124%	3% *	7%	6%	* 4%	3%	101%	* 5%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED		OF	OF		TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	408		22.8	4.5		9309.2	63.8	1.5		*
*CURRENT QTR 10/86 THRU 12/86	9		.0	.0		.8	.2	1.2		*
*-----										
* Y E A R T O D A T E										*
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	1886		8.6	2.1		16367.2	63.8	1.3		*
*CURRENT YEAR 1/86 THRU 12/86	2132		7.9	2.1		16884.3	39.8	2.7		*

LOCK & DAM 52 AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	168	16	71	* 591	44	* 143	91	8	* 475
* DOWNBOUND	152	3	82	* 623	73	* 141	97	2	* 686
* TOTAL	320	10	76	* 1214	59	* 284	94	5	* 1161
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	* -100%	-100%	* -100%	-100%	-100%	* -100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	858	16	64	* 2049	52	* 799	85	12	* 2009
* DOWNBOUND	912	21	63	* 2115	57	* 808	87	10	* 1891
* TOTAL	1770	18	63	* 4164	55	* 1607	86	11	* 3900
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	846	12	63	* 2175	58	* 775	90	8	* 2350
* DOWNBOUND	871	9	70	* 2654	60	* 837	92	5	* 2291
* TOTAL	1717	11	66	* 4829	59	* 1612	91	7	* 4641
*>>>> PERCENT CHANGE <<<<<	-2%	-42%	1%	* 15%	25%	* 0%	6%	-36%	* 19%

*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	213	11.6	10.0	2477.6	54.9	1.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	556	5.3	2.6	2949.9	54.9	3.9			
*CURRENT YEAR 1/86 THRU 12/86	632	3.1	1.7	2008.9	30.6	3.1			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB MAR APR NOV DEC									
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB MAR OCT NOV DEC									

CANNELTON LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTH	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTH	* KTONS
* FOURTH QUARTER		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	656	2	94	* 6667	52	* 640	98	1	* 5430
* DOWNBOUND	701	8	86	* 6569	87	* 651	95	3	* 8252
* TOTAL	1357	5	90	* 13236	69	* 1291	97	2	* 13682
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	507	0	97	* 5373	53	* 500	99	0	* 4571
* DOWNBOUND	524	0	98	* 5589	82	* 521	99	0	* 6624
* TOTAL	1031	0	98	* 10962	68	* 1021	99	0	* 11195
*>>>> PERCENT CHANGE <<<<<	-24%	-95%	-17%	* -17%	-19%	* -20%	-18%	-93%	* -18%
* YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2602	6	90	* 24551	58	* 2480	96	3	* 22641
* DOWNBOUND	2627	8	88	* 24254	80	* 2456	95	4	* 27974
* TOTAL	5229	7	89	* 48805	69	* 4936	95	3	* 50615
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2140	3	94	* 21875	52	* 2082	97	1	* 18188
* DOWNBOUND	2134	3	94	* 21856	85	* 2077	98	1	* 26741
* TOTAL	4274	3	94	* 43731	69	* 4159	98	1	* 44929
*>>>> PERCENT CHANGE <<<<<	-18%	-64%	-13%	* -10%	-11%	* -15%	-13%	-59%	* -11%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* FOURTH QUARTER		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	775	1.5	.9	1193.3	26.2	3.7			
*CURRENT QTR 10/86 THRU 12/86	555	3.0	1.6	1691.7	54.5	.8			
* YEAR TO DATE									
*PREVIOUS YEAR 1/85 THRU 12/85	2705	1.5	.9	4222.8	26.2	2.3			
*CURRENT YEAR 1/86 THRU 12/86	2242	1.7	.9	3901.9	54.5	1.7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 SEP

CANNELTON LOCK & DAM AUX
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	50	6	66 *	249	48 *	61	93	1 *	173 *		
* DOWNBOUND	89	42	46 *	383	77 *	92	80	17 *	432 *		
* TOTAL	139	29	53 *	632	65 *	153	85	11 *	605 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	184	8	83 *	1342	47 *	268	95	2 *	1055 *		
* DOWNBOUND	213	24	69 *	1350	80 *	279	87	11 *	1487 *		
* TOTAL	397	17	75 *	2692	64 *	547	91	7 *	2542 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	185%	68%	306% *	325%	316% *	257%	280%	129% *	320% *		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	507	77	15 *	379	36 *	312	39	58 *	203 *		
* DOWNBOUND	565	75	16 *	545	73 *	375	42	55 *	563 *		
* TOTAL	1072	76	16 *	924	58 *	687	41	56 *	766 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1043	29	61 *	5863	50 *	1304	84	13 *	4825 *		
* DOWNBOUND	1100	32	59 *	6105	81 *	1362	82	16 *	7077 *		
* TOTAL	2143	30	60 *	11968	66 *	2666	83	15 *	11902 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	99%	-19%	632% *	195%	373% *	288%	687%	3% *	453% *		

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*-----	DELAYED	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	51	7.2	4.9	367.6	19.0	.6					
*CURRENT QTR 10/86 THRU 12/86	240	24.7	19.7	5930.9	60.3	3.7					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	59	6.3	2.1	371.8	19.0	1.4					
*CURRENT YEAR 1/86 THRU 12/86	1096	28.9	24.6	31781.6	1602.6	2.8					

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 SEP OCT

NEWBURGH LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85										
* UPBOUND	752	0	95 *	7407	48	* 724	99	0 *	5585	*
* DOWNBOUND	727	0	96 *	7445	86	* 713	99	0 *	9216	*
* TOTAL	1479	0	95 *	14852	67	* 1437	99	0 *	14801	*
*CURRENT QTR 10/86 THRU 12/86										
* UPBOUND	783	0	95 *	7722	51	* 756	99	0 *	6357	*
* DOWNBOUND	771	0	95 *	7973	78	* 747	99	0 *	8826	*
* TOTAL	1554	0	95 *	15695	65	* 1503	99	0 *	15183	*

*>>>> PERCENT CHANGE <<<<<	5%	-53%	4% *	5%	1%	* 4%	4%	50% *	2%	*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85										
* UPBOUND	2920	1	94 *	28257	54	* 2796	99	0 *	24179	*
* DOWNBOUND	2941	4	92 *	28027	79	* 2788	98	1 *	31489	*
* TOTAL	5861	2	93 *	56284	67	* 5584	98	0 *	55668	*
*CURRENT YEAR 1/86 THRU 12/86										
* UPBOUND	3005	0	95 *	30708	48	* 2917	99	0 *	23350	*
* DOWNBOUND	3005	2	94 *	31065	81	* 2894	99	0 *	35986	*
* TOTAL	6010	1	95 *	61773	64	* 5811	99	0 *	59336	*

*>>>> PERCENT CHANGE <<<<<	2%	-36%	4% *	9%	6%	* 4%	4%	-44% *	6%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
*-----			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS		*
*PREVIOUS QTR 10/85 THRU 12/85	754		.8	.4		663.6	5.4	1.1		*
*CURRENT QTR 10/86 THRU 12/86	813		.9	.4		735.6	5.4	3.7		*

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	2806		1.0	.5		3023.4	32.8	1.7		*
*CURRENT YEAR 1/86 THRU 12/86	3070		.8	.4		2698.6	12.1	2.4		*

NEWBURGH LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	241	62	29	*	205	44	*	206	46	51	* 151
* DOWNBOUND	310	63	22	*	171	49	*	272	43	56	* 118
* TOTAL	551	62	25	*	376	47	*	478	44	54	* 269
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	193	32	47	*	256	57	*	179	72	25	* 211
* DOWNBOUND	265	43	32	*	204	47	*	241	64	34	* 122
* TOTAL	458	38	38	*	460	53	*	420	67	30	* 333
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	-16%	-48%	27%	*	22%	37%	*	-12%	33%	-50%	* 23%
*-----				*-----		*-----			*-----	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*-----		*-----			*-----	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2217	83	11	*	730	46	*	1442	26	71	* 551
* DOWNBOUND	2310	81	12	*	796	29	*	1556	27	71	* 307
* TOTAL	4527	82	12	*	1526	37	*	2998	27	71	* 858
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	2537	77	15	*	1210	53	*	1627	35	64	* 972
* DOWNBOUND	2597	75	13	*	905	41	*	1703	36	62	* 499
* TOTAL	5134	76	14	*	2115	48	*	3330	35	63	* 1471
*-----				*-----		*-----			*-----	*	
*>>>> PERCENT CHANGE <<<<<	13%	5%	31%	*	38%	77%	*	11%	46%	-1%	* 71%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*-----	TOWS	OF	OF	TIME	MAX	OF					
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*PREVIOUS QTR 10/85 THRU 12/85	12	.2	.0	3.5	.8	1.6					
*CURRENT QTR 10/86 THRU 12/86	7	.2	.0	1.8	.4	.0					
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	62	.4	.0	28.3	271.5	22.6					
*CURRENT YEAR 1/86 THRU 12/86	89	.2	.0	25.7	1.3	1.9					

UNIONTOWN LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	824	0	97 *	9236	32	* 814	99	0	* 4737	*
* DOWNBOUND	851	1	97 *	9396	90	* 838	99	0	* 12498	*
* TOTAL	1675	1	97 *	18632	61	* 1652	99	0	* 17235	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	845	0	97 *	9161	40	* 834	99	0	* 5957	*
* DOWNBOUND	862	1	98 *	9406	81	* 850	99	0	* 11551	*
* TOTAL	1707	0	98 *	18567	61	* 1684	99	0	* 17508	*

*>>>> PERCENT CHANGE <<<<<	1%	0%	2% *	-0%	-1%	* 1%	2%	0%	* 1%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	3072	1	96 *	33085	39	* 3002	99	0	* 20913	*
* DOWNBOUND	3096	1	97 *	32997	85	* 3052	99	0	* 42412	*
* TOTAL	6168	1	96 *	66082	62	* 6054	99	0	* 63325	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3316	0	97 *	36125	37	* 3267	99	0	* 22142	*
* DOWNBOUND	3345	1	97 *	36067	84	* 3289	99	0	* 46025	*
* TOTAL	6661	1	97 *	72192	61	* 6556	99	0	* 68167	*

*>>>> PERCENT CHANGE <<<<<	7%	0%	8% *	9%	6%	* 8%	8%	-22%	* 7%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF		OF	TIME		MAX	OF		*
*-----		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs		*
*PREVIOUS QTR 10/85 THRU 12/85	993	1.3		.7	1304.1		9.8	1.6		*
*CURRENT QTR 10/86 THRU 12/86	954	.8		.5	850.7		6.9	1.6		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	3316	1.2		.6	4055.2		22.6	3.8		*
*CURRENT YEAR 1/86 THRU 12/86	3727	.9		.5	3441.9		6.9	1.7		*

UNIONTOWN LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	258	79	14	* 85	27	* 218	24	74	* 49
* D O W N B O U N D	301	81	12	* 80	33	* 257	21	77	* 42
* T O T A L	559	80	13	* 165	30	* 475	22	75	* 91
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	330	69	20	* 190	34	* 300	33	65	* 130
* D O W N B O U N D	384	78	14	* 154	32	* 328	25	73	* 66
* T O T A L	714	74	17	* 344	33	* 628	29	69	* 196
*>>>> PERCENT CHANGE <<<<<	27%	18%	64%	* 108%	130%	* 32%	69%	21%	* 115%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	1825	88	8	* 381	35	* 1304	16	82	* 253
* D O W N B O U N D	1941	89	6	* 313	33	* 1413	14	84	* 160
* T O T A L	3766	88	7	* 694	34	* 2717	15	83	* 413
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	2163	82	9	* 571	36	* 1576	24	74	* 407
* D O W N B O U N D	2232	84	8	* 547	34	* 1639	20	78	* 266
* T O T A L	4395	83	9	* 1118	35	* 3215	22	76	* 673
*>>>> PERCENT CHANGE <<<<<	16%	9%	40%	* 61%	62%	* 18%	74%	8%	* 62%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	9	.2	.0	2.5	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	4	.1	.0	.7	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	30	1.6	.1	49.7	13.6	4.2			
*CURRENT YEAR 1/86 THRU 12/86	25	.3	.0	7.5	2.0	.0			

SMITHLAND LOCK & DAM
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%) *		*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	220	2	88 *	1651	35	* 212	98	1 *	938	*
* D O W N B O U N D	897	4	92 *	8908	91	* 874	96	3 *	12238	*
* T O T A L	1117	3	91 *	10559	82	* 1086	97	2 *	13176	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	197	16	72 *	1230	27	* 186	87	11 *	525	*
* D O W N B O U N D	997	10	85 *	9321	83	* 923	94	5 *	11695	*
* T O T A L	1194	11	82 *	10551	76	* 1109	92	6 *	12220	*
*-----										
*>>>> PERCENT CHANGE <<<<<	6%	238%	-3% *	-0%	-6% *	2%	-2%	145% *	-7%	*
*-----										
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	814	18	75 *	5280	32	* 761	85	12 *	2760	*
* D O W N B O U N D	3461	8	86 *	31597	87	* 3263	93	5 *	42290	*
* T O T A L	4275	10	84 *	36877	79	* 4024	92	6 *	45050	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	874	19	68 *	5491	32	* 805	85	13 *	2941	*
* D O W N B O U N D	3568	8	86 *	34036	86	* 3379	94	5 *	44491	*
* T O T A L	4442	10	83 *	39527	78	* 4184	92	6 *	47432	*
*-----										
*>>>> PERCENT CHANGE <<<<<	3%	7%	2% *	7%	5% *	3%	4%	3% *	5%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----										
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
	TOWS	OF	OF	TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	196	.9	.1	184.5	11.1	1.6				
*CURRENT QTR 10/86 THRU 12/86	184	1.0	.1	187.9	18.0	4.3				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	731	1.3	.2	969.6	17.5	1.4				
*CURRENT YEAR 1/86 THRU 12/86	689	1.0	.1	710.9	24.2	4.5				

SMITHLAND LOCK & DAM AUX 1
OHIO RIVER
H2 LOUISVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	831	1	93	* 8806	28	* 808	98	0	* 3924
* D O W N B O U N D	213	15	78	* 1746	84	* 209	84	13	* 2217
* T O T A L	1044	4	90	* 10552	37	* 1017	95	3	* 6141
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	958	8	86	* 9226	37	* 877	96	2	* 5615
* D O W N B O U N D	242	32	57	* 1503	81	* 209	77	22	* 1806
* T O T A L	1200	13	80	* 10729	43	* 1086	93	6	* 7421
*>>>> PERCENT CHANGE <<<<<	14%	283%	2%	* 1%	17%	* 6%	3%	94%	* 20%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	3277	6	90	* 32094	35	* 3160	95	4	* 18025
* D O W N B O U N D	830	23	70	* 5748	80	* 761	82	15	* 7104
* T O T A L	4107	9	86	* 37842	41	* 3921	92	6	* 25129
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	3600	7	87	* 35386	34	* 3406	95	3	* 19495
* D O W N B O U N D	1006	22	68	* 7020	81	* 894	85	13	* 8743
* T O T A L	4606	10	83	* 42406	42	* 4300	93	5	* 28238
*>>>> PERCENT CHANGE <<<<<	12%	22%	8%	* 12%	12%	* 9%	10%	4%	* 12%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	DELAYED	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	148	.5	.0	80.0	8.9	2.4			
*CURRENT QTR 10/86 THRU 12/86	143	.4	.0	66.3	5.9	4.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	644	1.1	.2	750.9	13.8	2.4			
*CURRENT YEAR 1/86 THRU 12/86	542	.6	.0	326.7	35.0	7.1			

MELTON HILL LOCK
CLINCH RIVER
H3 NASHVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	6	83	16	*	3 33	*	10	10	40	*	0
* DOWNBOUND	4	75	25	*	2 50	*	10	10	30	*	0
* TOTAL	10	80	20	*	5 40	*	20	10	35	*	0
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	3	100	0	*	0 0	*	5	0	60	*	0
* DOWNBOUND	3	100	0	*	0 0	*	5	0	60	*	0
* TOTAL	6	100	0	*	0 0	*	10	0	60	*	0

*>>>> PERCENT CHANGE <<<<<	-40%	-25%	-100%	*	-100%	-100%	*	-50%	-100%	-14%	* 0%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	37	97	2	*	3 33	*	54	1	55	*	0
* DOWNBOUND	54	98	1	*	2 50	*	58	1	58	*	1
* TOTAL	91	97	2	*	5 40	*	112	1	57	*	1
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	33	90	3	*	2 100	*	50	6	52	*	0
* DOWNBOUND	33	87	6	*	4 50	*	46	8	50	*	0
* TOTAL	66	89	4	*	6 66	*	96	7	51	*	0

*>>>> PERCENT CHANGE <<<<<	-27%	-33%	50%	*	20%	100%	*	-14%	250%	-23%	* -100%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF		OF		TIME		MAX	OF		*
*-----		DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	0	.0		.0		.0		.3	2.5		*
*CURRENT QTR 10/86 THRU 12/86	0	.0		.0		.0		1.2	.9		*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	0	.0		.0		.0		1.7	2.9		*
*CURRENT YEAR 1/86 THRU 12/86	0	.0		.0		.0		1.2	1.4		*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 FEB

BARKLEY LOCK
CUMBERLAND RIVER
H3 NASHVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
	(%)	(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	98	36	61	*	321	86	*	94	67
* DOWNBOUND	115	13	85	*	676	4	*	129	92
* TOTAL	213	24	74	*	997	30	*	223	81
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	193	34	63	*	705	89	*	185	69
* DOWNBOUND	214	15	81	*	1288	8	*	242	88
* TOTAL	407	24	72	*	1993	37	*	427	80
*>>>> PERCENT CHANGE <<<<<	91%	90%	87%	*	99%	141%	*	91%	87%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	741	67	31	*	1530	92	*	554	43
* DOWNBOUND	921	55	42	*	3173	4	*	835	60
* TOTAL	1662	60	37	*	4703	32	*	1389	53
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	1507	31	66	*	8145	81	*	1563	82
* DOWNBOUND	1718	27	69	*	9934	21	*	1852	84
* TOTAL	3225	29	68	*	18079	48	*	3415	83
*>>>> PERCENT CHANGE <<<<<	94%	-7%	253%	*	284%	469%	*	145%	282%
*(ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
	TOWS	OF	OF		TIME	MAX	OF		
		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		
*PREVIOUS QTR 10/85 THRU 12/85	18	1.1	.1		19.8	5.7	2.7		
*CURRENT QTR 10/86 THRU 12/86	54	.9	.1		53.9	8.5	4.5		
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	100	.7	.1		71.0	5.7	2.6		
*CURRENT YEAR 1/86 THRU 12/86	1499	5.1	3.5		7775.5	29.6	2.7		

CHEATHAM LOCK
CUMBERLAND RIVER
H3 NASHVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*
*-----										
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	175	22	77 *	656	94	* 180	77	19 *	997	*
* D O W N B O U N D	179	24	75 *	685	9	* 179	77	20 *	84	*
* T O T A L	354	23	76 *	1341	51	* 359	77	20 *	1081	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	210	30	68 *	731	97	* 198	74	21 *	1055	*
* D O W N B O U N D	212	28	66 *	742	4	* 200	75	22 *	40	*
* T O T A L	422	29	67 *	1473	50	* 398	74	21 *	1095	*
*-----										
*>>>> PERCENT CHANGE <<<<<	19%	49%	5% *	9%	8%	* 10%	6%	19% *	1%	*
*-----										
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	894	46	52 *	2570	93	* 819	59	37 *	3782	*
* D O W N B O U N D	885	46	52 *	2574	8	* 809	60	36 *	285	*
* T O T A L	1779	46	52 *	5144	51	* 1628	60	37 *	4067	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1057	47	51 *	2866	96	* 935	61	36 *	4122	*
* D O W N B O U N D	1037	45	51 *	2896	7	* 943	60	36 *	274	*
* T O T A L	2094	46	51 *	5762	51	* 1878	61	36 *	4396	*
*-----										
*>>>> PERCENT CHANGE <<<<<	17%	17%	16% *	12%	12%	* 15%	17%	13% *	8%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	28	.8	.0	23.1	10.0	.5				
*CURRENT QTR 10/86 THRU 12/86	44	.7	.1	30.9	9.3	3.5				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	94	.5	.0	54.7	10.0	2.2				
*CURRENT YEAR 1/86 THRU 12/86	139	.5	.0	78.1	9.3	2.1				

CORDELL HULL LOCK
CUMBERLAND RIVER
H3 NASHVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	14	21	42	* 25	0	* 22	72	13	* 0
* D O W N B O U N D	14	21	78	* 26	100	* 17	64	17	* 37
* T O T A L	28	21	60	* 51	50	* 39	69	15	* 37
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK								
*>>>> PERCENT CHANGE <<<<<	-100%	-100%	-100%	* -100%	-100%	* -100%	-100%	-100%	* -100%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	108	46	32	* 117	2	* 133	57	35	* 4
* D O W N B O U N D	110	48	50	* 117	97	* 118	48	43	* 160
* T O T A L	218	47	41	* 234	50	* 251	52	39	* 164
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	4	0	75	* 5	40	* 5	80	0	* 2
* D O W N B O U N D	2	0	100	* 3	100	* 3	66	0	* 4
* T O T A L	6	0	83	* 8	62	* 8	75	0	* 6
*>>>> PERCENT CHANGE <<<<<	-97%	-100%	-94%	* -96%	-95%	* -96%	-95%	-100%	* -96%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	0	.8	.0	.0	.0	4.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	5	4.8	.2	24.0	14.5	3.2			
*CURRENT YEAR 1/86 THRU 12/86	0	.5	.0	.0	.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 MAR APR MAY JUN JUL AUG SEP OCT NOV DEC

OLD HICKORY LOCK
CUMBERLAND RIVER
H3 NASHVILLE
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	197	80	13 *	46	89	* 149	27	69	* 69	*	
* DOWNBOUND	200	80	14 *	50	14	* 155	28	70	* 12	*	
* TOTAL	397	80	13 *	96	50	* 304	27	70	* 81	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	183	60	30 *	113	97	* 164	50	44	* 165	*	
* DOWNBOUND	175	60	28 *	110	7	* 156	50	45	* 11	*	
* TOTAL	358	60	29 *	223	52	* 320	50	45	* 176	*	

*>>>> PERCENT CHANGE <<<<<	-9%	-32%	94% *	132%	145%	* 5%	89%	-32%	* 117%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1659	89	7 *	221	78	* 973	19	79	* 282	*	
* DOWNBOUND	1649	89	7 *	215	13	* 1015	18	79	* 38	*	
* TOTAL	3308	89	7 *	436	46	* 1988	18	79	* 320	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	1905	85	10 *	398	94	* 1089	26	71	* 576	*	
* DOWNBOUND	1877	85	9 *	394	8	* 1165	25	73	* 43	*	
* TOTAL	3782	85	10 *	792	51	* 2254	25	72	* 619	*	

*>>>> PERCENT CHANGE <<<<<	14%	9%	67% *	81%	102%	* 13%	54%	3%	* 93%	*	

*(ALL TIMES EXPRESSED IN HOURS)										*	
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF		TIME	MAX	OF	*		
*-----		DELAYED	TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	*		
*PREVIOUS QTR 10/85 THRU 12/85	5		1.1	.1		5.6	3.6	2.9	*		
*CURRENT QTR 10/86 THRU 12/86	17		2.0	.3		34.0	10.6	8.0	*		

* Y E A R T O D A T E									*		

*PREVIOUS YEAR 1/85 THRU 12/85	26		.8	.0		21.6	10.0	2.8	*		
*CURRENT YEAR 1/86 THRU 12/86	67		.8	.1		55.2	10.6	6.5	*		

KENTUCKY LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	697	21	69	* 4381	75	* 870	88	10	* 4917
* DOWNBOUND	543	2	85	* 4202	39	* 761	97	1	* 2329
* TOTAL	1240	13	76	* 8583	58	* 1631	93	6	* 7246
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	687	22	71	* 4693	76	* 870	90	8	* 5316
* DOWNBOUND	536	2	87	* 4181	39	* 743	98	0	* 2257
* TOTAL	1223	13	78	* 8874	58	* 1613	94	5	* 7573
*>>>> PERCENT CHANGE <<<<<	-1%	3%	1%	* 3%	4%	* -1%	0%	-19%	* 4%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	2383	18	74	* 16033	79	* 3081	91	8	* 18924
* DOWNBOUND	2004	8	81	* 14660	32	* 2778	94	4	* 6698
* TOTAL	4387	13	77	* 30693	57	* 5859	93	6	* 25622
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	1731	13	78	* 13073	75	* 2326	94	5	* 14672
* DOWNBOUND	1544	4	85	* 12242	37	* 2166	97	2	* 6437
* TOTAL	3275	9	81	* 25315	57	* 4492	95	3	* 21109
*>>>> PERCENT CHANGE <<<<<	-25%	-48%	-21%	* -17%	-16%	* -23%	-21%	-53%	* -17%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	DELAYED	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS			
*PREVIOUS QTR 10/85 THRU 12/85	752	4.4	3.5	3334.2	36.1	1.9			
*CURRENT QTR 10/86 THRU 12/86	768	4.2	3.3	3234.4	21.0	1.5			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	2554	3.7	2.7	9480.5	36.1	1.8			
*CURRENT YEAR 1/86 THRU 12/86	2203	4.3	3.6	9608.4	21.0	35.0			

PICKWICK LANDING LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*		
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*		
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*		(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*		
* UPBOUND	516	41	53	* 2611	96	* 486	72	26	* 3570	*		
* DOWNBOUND	346	6	87	* 2721	16	* 401	93	4	* 634	*		
* TOTAL	862	27	66	* 5332	55	* 887	81	16	* 4204	*		
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*		
* UPBOUND	593	48	49	* 2917	96	* 538	69	29	* 4085	*		
* DOWNBOUND	417	13	80	* 3042	12	* 454	90	8	* 548	*		
* TOTAL	1010	33	62	* 5959	53	* 992	78	19	* 4633	*		

*>>>> PERCENT CHANGE <<<<<	17%	43%	9%	* 11%	7%	* 11%	7%	33%	* 10%	*		

* Y E A R T O D A T E				*		*			*	*		
*				*		*			*	*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*		
* UPBOUND	1418	43	53	* 7449	96	* 1334	72	25	* 10279	*		
* DOWNBOUND	1279	33	62	* 7572	13	* 1322	79	18	* 1537	*		
* TOTAL	2697	38	57	* 15021	55	* 2656	76	21	* 11816	*		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*		
* UPBOUND	1994	38	59	* 11957	95	* 2030	76	22	* 16620	*		
* DOWNBOUND	2033	30	66	* 12824	13	* 2146	79	19	* 2465	*		
* TOTAL	4027	34	62	* 24781	53	* 4176	77	20	* 19085	*		

*>>>> PERCENT CHANGE <<<<<	49%	32%	62%	* 64%	59%	* 57%	60%	48%	* 61%	*		

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY		AVG STALL	
*			OF		OF		TIME		MAX		OF	
* F O U R T H Q U A R T E R			TOWS		ALL TOWS		(TOWS)		(ALL VSL)		STALLED VSLS	
*												
*PREVIOUS QTR 10/85 THRU 12/85			298		2.0		1.0		597.9		13.9	
*CURRENT QTR 10/86 THRU 12/86			334		1.9		1.0		650.8		12.8	
*												
* Y E A R T O D A T E												
*												
*PREVIOUS YEAR 1/85 THRU 12/85			910		2.4		1.4		2194.9		18.7	
*CURRENT YEAR 1/86 THRU 12/86			1377		2.0		1.0		2774.0		18.7	

PICKWICK LANDING LOCK AUX
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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*****
* QUARTERLY REPORT          VESSEL VESSEL VESSEL* BARGES BARGES * LCKGES LCKGES LCKGES * TONNAGE *
*----- TOTAL RECRTN TOWS * TOTAL LOADED * TOTAL COMMER RECRTN * KTONS *
* F O U R T H   Q U A R T E R      (%) (%) * (%) * (%) (%) * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS QTR 10/85 THRU 12/85 NO DATA FOR THIS LOCK * * * * *
*CURRENT QTR 10/86 THRU 12/86 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< 0% 0% 0% * 0% 0% * 0% 0% 0% * 0% *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 * * * * *
* UPBOUND 373 9 89 * 3111 94 * 597 91 4 * 4282 *
* DOWNBOUND 410 14 80 * 3238 15 * 630 90 6 * 723 *
* TOTAL 783 11 84 * 6349 54 * 1227 91 5 * 5005 *
*CURRENT YEAR 1/86 THRU 12/86 NO DATA FOR THIS LOCK * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*>>>> PERCENT CHANGE <<<<<< -100% -100% -100% * -100% -100% * -100% -100% -100% * -100% *
*****
*(ALL TIMES EXPRESSED IN HOURS)      AVG DELAY      AVG DELAY      TOTAL DELAY DELAY      AVG STALL *
*----- DELAYED OF OF TIME MAX OF *
* F O U R T H   Q U A R T E R      TOWS DELAYED TOWS ALL TOWS (TOWS) (ALL VSL) STALLED VSLs *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* Y E A R   T O   D A T E          * * * * *
*-----*-----*-----*-----*-----*-----*-----*-----*-----*
*PREVIOUS YEAR 1/85 THRU 12/85 339 1.9 1.0 672.2 8.0 1.4 *
*****
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUN JUL AUG SEP OCT NOV DEC
  
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WILSON LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85											
* UPBOUND	290	27	49 *	1036	77	* 312	77	18 *	1177		
* DOWNBOUND	287	29	52 *	967	46	* 308	77	20 *	626		
* TOTAL	577	28	50 *	2003	62	* 620	77	19 *	1803		
*CURRENT QTR 10/86 THRU 12/86											
* UPBOUND	306	32	50 *	1276	91	* 331	79	18 *	1710		
* DOWNBOUND	334	35	52 *	1182	30	* 351	77	20 *	496		
* TOTAL	640	33	51 *	2458	62	* 682	78	19 *	2206		
*-----											
*>>>> PERCENT CHANGE <<<<<	10%	30%	12% *	22%	22% *	10%	11%	10% *	22%		
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85											
* UPBOUND	1507	46	38 *	4519	84	* 1423	68	28 *	5574		
* DOWNBOUND	1518	47	39 *	4526	34	* 1480	68	29 *	2146		
* TOTAL	3025	47	38 *	9045	59	* 2903	68	29 *	7720		
*CURRENT YEAR 1/86 THRU 12/86											
* UPBOUND	1767	51	35 *	5342	82	* 1588	68	30 *	6545		
* DOWNBOUND	1799	51	38 *	5193	33	* 1632	68	30 *	2419		
* TOTAL	3566	51	36 *	10535	58	* 3220	68	30 *	8964		
*-----											
*>>>> PERCENT CHANGE <<<<<	17%	28%	11% *	16%	15% *	10%	10%	15% *	16%		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL			
	TOWS	OF		OF	TIME		MAX	OF			
		DELAYED		ALL	(TOWS)		(ALL VSL)	STALLED		VSLs	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	77	1.4		.3	113.1		5.7	2.0			
*CURRENT QTR 10/86 THRU 12/86	120	1.5		.5	181.1		7.0	2.7			
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	417	1.7		.6	710.2		25.2	2.9			
*CURRENT YEAR 1/86 THRU 12/86	499	1.4		.5	735.0		9.0	1.8			

WILSON LOCK AUX
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	*
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%)	*	*	*
*.....											
*PREVIOUS QTR 10/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*	*	*
*CURRENT QTR 10/86 THRU 12/86	NO DATA FOR THIS LOCK			*		*			*	*	*
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0% *	0%	0%	0%	0% *	0%	*
*.....											
* Y E A R T O D A T E				*		*			*	*	*
*.....				*		*			*	*	*
*PREVIOUS YEAR 1/85 THRU 12/85	NO DATA FOR THIS LOCK			*		*			*	*	*
*CURRENT YEAR 1/86 THRU 12/86	NO DATA FOR THIS LOCK			*		*			*	*	*
*.....											
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0% *	0%	0%	0%	0% *	0%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
*.....	DELAYED	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs					
*.....											
*.....											
* Y E A R T O D A T E											
*.....											

GEN JOS WHEELER LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	138	17	78	*	848	77	*	188	87	10 * 952
* D O W N B O U N D	135	14	80	*	792	48	*	186	87	9 * 522
* T O T A L	273	16	79	*	1640	63	*	374	87	10 * 1474
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	288	43	52	*	1264	91	*	313	73	24 * 1653
* D O W N B O U N D	275	45	52	*	1085	29	*	317	68	28 * 419
* T O T A L	563	44	52	*	2349	63	*	630	70	26 * 2072

*>>>> PERCENT CHANGE <<<<<	106%	465%	35%	*	43%	42%	*	68%	35%	339% * 40%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	735	29	68	*	4139	84	*	887	86	12 * 5064
* D O W N B O U N D	663	21	75	*	4187	33	*	889	87	10 * 1966
* T O T A L	1398	25	71	*	8326	59	*	1776	86	11 * 7030
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1663	62	35	*	5145	83	*	1561	59	39 * 6251
* D O W N B O U N D	1630	63	35	*	4943	32	*	1551	57	40 * 2244
* T O T A L	3293	63	35	*	10088	58	*	3112	58	40 * 8495

*>>>> PERCENT CHANGE <<<<<	135%	482%	16%	*	21%	20%	*	75%	17%	530% * 20%

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	TOWS	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	48	1.6	.3	77.5	16.2	11.1				
*CURRENT QTR 10/86 THRU 12/86	96	1.2	.3	117.1	4.3	2.1				

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	271	1.2	.3	341.5	16.2	5.4				
*CURRENT YEAR 1/86 THRU 12/86	399	1.1	.3	445.9	4.8	1.9				

GEN JOS WHEELER LK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT			VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE		
*			TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS		
* F O U R T H Q U A R T E R				(%)	(%)	*	(%)	*	(%)	(%)	*		
*						*		*			*		
*PREVIOUS QTR 10/85 THRU 12/85						*		*			*		
* U P B O U N D			76	72	25	*	131	76	*	141	66	30	* 136
* D O W N B O U N D			78	80	17	*	103	47	*	123	53	43	* 64
* T O T A L			154	76	21	*	234	63	*	264	60	36	* 200
*CURRENT QTR 10/86 THRU 12/86						*		*				*	
* U P B O U N D			0	0	0	*	0	0	*	0	0	0	* 0
* D O W N B O U N D			9	100	0	*	0	0	*	2	50	50	* 0
* T O T A L			9	100	0	*	0	0	*	2	50	50	* 0
*						*		*				*	
*>>>> PERCENT CHANGE <<<<<			-94%	-92%	-100%	*	-100%	-100%	*	-99%	-99%	-98%	* -100%
*						*		*				*	
* Y E A R T O D A T E						*		*				*	
*						*		*				*	
*PREVIOUS YEAR 1/85 THRU 12/85						*		*				*	
* U P B O U N D			747	96	2	*	133	75	*	563	17	79	* 138
* D O W N B O U N D			776	96	2	*	105	46	*	574	13	83	* 65
* T O T A L			1523	96	2	*	238	62	*	1137	15	81	* 203
*CURRENT YEAR 1/86 THRU 12/86						*		*				*	
* U P B O U N D			24	100	0	*	0	0	*	23	0	95	* 0
* D O W N B O U N D			32	96	0	*	0	0	*	19	10	89	* 0
* T O T A L			56	98	0	*	0	0	*	42	4	92	* 0
*						*		*				*	
*>>>> PERCENT CHANGE <<<<<			-96%	-96%	-100%	*	-100%	-100%	*	-96%	-98%	-95%	* -100%

*(ALL TIMES EXPRESSED IN HOURS)				AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY		AVG STALL	
*			DELAYED	OF		OF		TIME		MAX		OF	
* F O U R T H Q U A R T E R			TOWS	DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)		STALLED VSLs	
*													
*PREVIOUS QTR 10/85 THRU 12/85			23	10.4		7.2		239.5		19.0		3.5	
*CURRENT QTR 10/86 THRU 12/86			0	.0		.0		.0		.0		683.0	
*													
* Y E A R T O D A T E													
*													
*PREVIOUS YEAR 1/85 THRU 12/85			23	10.4		6.4		239.5		19.0		3.2	
*CURRENT YEAR 1/86 THRU 12/86			0	.0		.0		.0		.6		102.1	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 APR MAY JUN JUL AUG SEP OCT

GUNTERSVILLE LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	322	56	42 *	944	65	* 314	58	39 *	895	*	
* D O W N B O U N D	336	57	40 *	921	56	* 328	57	41 *	701	*	
* T O T A L	658	57	41 *	1865	60	* 642	58	40 *	1596	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	357	55	43 *	1118	83	* 349	63	35 *	1370	*	
* D O W N B O U N D	379	56	40 *	1004	35	* 340	62	36 *	472	*	
* T O T A L	736	56	41 *	2122	60	* 689	62	35 *	1842	*	
*-----											
*>>>> PERCENT CHANGE <<<<<	11%	9%	12% *	13%	14%	* 7%	16%	-4%	15%	*	
*-----											
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	2663	79	20 *	3874	71	* 1603	47	51 *	4049	*	
* D O W N B O U N D	2632	78	20 *	3933	44	* 1653	46	51 *	2350	*	
* T O T A L	5295	78	20 *	7807	57	* 3256	46	51 *	6399	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	3448	81	18 *	4672	74	* 1967	44	53 *	4901	*	
* D O W N B O U N D	3429	81	18 *	4536	38	* 2003	43	55 *	2335	*	
* T O T A L	6877	81	18 *	9208	56	* 3970	44	54 *	7236	*	
*-----											
*>>>> PERCENT CHANGE <<<<<	29%	33%	15% *	17%	15%	* 21%	14%	29%	13%	*	

*(ALL TIMES EXPRESSED IN HOURS)										*	
*-----											
* F O U R T H Q U A R T E R	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	63	1.2	.2	78.9	24.0	3.2	*				
*CURRENT QTR 10/86 THRU 12/86	79	1.0	.2	85.0	11.0	4.2	*				
*-----											
* Y E A R T O D A T E							*				
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	305	.9	.2	296.2	24.0	2.8	*				
*CURRENT YEAR 1/86 THRU 12/86	402	1.0	.3	410.9	11.0	1.8	*				

GUNTERSVILLE LOCK AUX 1
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	26	100	0	0	0	25	0	100	0
* DOWNBOUND	20	100	0	0	0	19	0	100	0
* TOTAL	46	100	0	0	0	44	0	100	0
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	7	100	0	0	0	5	0	100	0
* DOWNBOUND	19	100	0	0	0	15	0	93	0
* TOTAL	26	100	0	0	0	20	0	95	0
*>>>> PERCENT CHANGE <<<<<	-43%	-43%	0%	0%	0%	-54%	0%	-56%	0%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	416	99	0	0	0	250	0	98	0
* DOWNBOUND	412	99	0	0	0	246	0	97	0
* TOTAL	828	99	0	0	0	496	0	97	0
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	117	98	1	2	50	92	2	96	0
* DOWNBOUND	111	100	0	0	0	89	0	96	0
* TOTAL	228	99	0	2	50	181	1	96	0
*>>>> PERCENT CHANGE <<<<<	-72%	-72%	0%	0%	0%	-63%	0%	-63%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.5	.0			
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.5	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	1.1	26.3			
*CURRENT YEAR 1/86 THRU 12/86	1	.5	.2	.5	.5	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JUL AUG SEP

NICKAJAC LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	293	42	53 *	1018	59 *	279	71	27 *	816 *		
* DOWNBOUND	312	45	49 *	1000	51 *	290	72	26 *	712 *		
* TOTAL	605	44	51 *	2018	55 *	569	72	27 *	1528 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	321	41	54 *	979	75 *	297	76	22 *	1017 *		
* DOWNBOUND	336	44	47 *	901	40 *	297	72	26 *	498 *		
* TOTAL	657	43	51 *	1880	58 *	594	74	24 *	1515 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	8%	5%	9% *	-6%	-0% *	4%	7%	-4% *	-0%		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	1138	42	54 *	4025	64 *	1107	71	27 *	3497 *		
* DOWNBOUND	1157	43	52 *	4090	44 *	1150	70	27 *	2497 *		
* TOTAL	2295	43	53 *	8115	53 *	2257	70	27 *	5994 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1314	43	51 *	4085	67 *	1253	70	27 *	3655 *		
* DOWNBOUND	1322	44	50 *	4003	44 *	1244	69	29 *	2440 *		
* TOTAL	2636	43	50 *	8088	55 *	2497	69	28 *	6095 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	14%	17%	8% *	-0%	3% *	10%	9%	13% *	1%		

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
*-----	DELAYED		OF	OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	76		.8	.2		65.4	3.0	1.7			
*CURRENT QTR 10/86 THRU 12/86	96		.8	.2		82.8	3.4	1.9			
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	237		.7	.1		188.1	3.0	2.4			
*CURRENT YEAR 1/86 THRU 12/86	350		.7	.1		262.6	3.4	2.5			

CHICKAMAUGA LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT			VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *
*-----			TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *
* F O U R T H Q U A R T E R				(%)	(%) *		(%)	*	(%)	(%) *	*
*-----											
*PREVIOUS QTR 10/85 THRU 12/85											
* U P B O U N D			636	87	12 *	314	66	* 473	67	32 *	299
* D O W N B O U N D			637	87	11 *	310	48	* 501	64	34 *	212
* T O T A L			1273	87	11 *	624	57	* 974	65	33 *	511
*CURRENT QTR 10/86 THRU 12/86											
* U P B O U N D			500	85	14 *	359	75	* 510	70	28 *	380
* D O W N B O U N D			519	86	11 *	329	49	* 542	63	35 *	223
* T O T A L			1019	86	12 *	688	63	* 1052	67	32 *	603
*-----											
*>>>> PERCENT CHANGE <<<<<			-19%	-21%	-12% *	10%	20%	* 8%	9%	5% *	18%
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85											
* U P B O U N D			2582	89	9 *	1191	71	* 2116	57	41 *	1221
* D O W N B O U N D			2588	89	9 *	1202	37	* 2179	56	42 *	631
* T O T A L			5170	89	9 *	2393	54	* 4295	56	41 *	1852
*CURRENT YEAR 1/86 THRU 12/86											
* U P B O U N D			3021	90	9 *	1346	70	* 2351	57	41 *	1262
* D O W N B O U N D			3080	90	8 *	1307	49	* 2426	54	44 *	884
* T O T A L			6101	90	8 *	2653	59	* 4777	56	42 *	2146
*-----											
*>>>> PERCENT CHANGE <<<<<			18%	19%	6% *	10%	21%	* 11%	9%	14% *	15%

*(ALL TIMES EXPRESSED IN HOURS)				AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
*-----			DELAYED	OF		OF		TIME	MAX	OF	*
* F O U R T H Q U A R T E R			TOWS	DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*
*-----											
*PREVIOUS QTR 10/85 THRU 12/85			47		2.5		.8	121.9		7.2	2.1
*CURRENT QTR 10/86 THRU 12/86			47		3.6		1.3	173.0		13.9	3.0
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85			174		2.8		.9	494.9		14.4	3.3
*CURRENT YEAR 1/86 THRU 12/86			203		2.9		1.1	608.9		13.9	2.1

WATTS BAR LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*.....	TOTAL	RECRTM	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTM	* KTONS *		
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	217	76	22	*	176	35	*	302	59	37	* 120 *
* DOWNBOUND	214	76	22	*	175	81	*	307	59	37	* 198 *
* TOTAL	431	76	22	*	351	58	*	609	59	37	* 318 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	184	71	28	*	214	52	*	307	70	26	* 180 *
* DOWNBOUND	189	72	24	*	201	79	*	317	64	30	* 213 *
* TOTAL	373	71	26	*	415	65	*	624	67	28	* 393 *

*>>>> PERCENT CHANGE <<<<<	-13%	-19%	0%	*	18%	33%	*	2%	15%	-21%	* 23% *

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	1198	85	13	*	608	44	*	1335	46	50	* 478 *
* DOWNBOUND	1173	85	13	*	611	71	*	1346	46	50	* 601 *
* TOTAL	2371	85	13	*	1219	58	*	2681	46	50	* 1079 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1293	84	14	*	818	41	*	1470	54	43	* 536 *
* DOWNBOUND	1278	84	14	*	793	77	*	1463	52	44	* 820 *
* TOTAL	2571	84	14	*	1611	59	*	2933	53	44	* 1356 *

*>>>> PERCENT CHANGE <<<<<	8%	7%	15%	*	32%	34%	*	9%	26%	-3%	* 25% *

*(ALL TIMES EXPRESSED IN HOURS)											
*.....	DELAYED	AVG DELAY		AVG DELAY	TOTAL DELAY		DELAY	AVG STALL			
*.....	TOWS	OF		OF	TIME		MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs			

*PREVIOUS QTR 10/85 THRU 12/85	18	2.2		.4	40.5		6.7	1.3			
*CURRENT QTR 10/86 THRU 12/86	27	2.7		.7	73.2		6.6	5.9			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	78	1.8		.4	143.3		10.0	5.2			
*CURRENT YEAP 1/86 THRU 12/86	88	1.9		.4	169.8		11.6	5.9			

FORT LOUDON LOCK
 TENNESSEE RIVER
 H3 NASHVILLE
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	162	79	19	*	69	82	*	152	52	45	* 112 *
* DOWNBOUND	161	78	19	*	74	37	*	155	53	44	* 37 *
* TOTAL	323	78	19	*	143	59	*	307	53	44	* 149 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	133	72	27	*	77	83	*	159	54	42	* 115 *
* DOWNBOUND	153	75	20	*	62	50	*	168	45	51	* 43 *
* TOTAL	286	74	23	*	139	68	*	327	50	47	* 158 *
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-11%	-16%	4%	*	-2%	11%	*	6%	0%	12%	* 6% *
*-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	835	84	14	*	288	84	*	751	42	54	* 424 *
* DOWNBOUND	840	84	14	*	303	35	*	791	41	56	* 142 *
* TOTAL	1675	84	14	*	591	59	*	1542	41	55	* 566 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	848	84	14	*	276	81	*	820	36	59	* 375 *
* DOWNBOUND	898	85	12	*	258	43	*	824	34	61	* 156 *
* TOTAL	1746	84	13	*	534	63	*	1644	35	60	* 531 *
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	4%	5%	0%	*	-9%	-3%	*	6%	-9%	15%	* -6% *

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*			
*-----	DELAYED	OF	OF		TIME	MAX	OF	*			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	*			
*-----								*			
*PREVIOUS QTR 10/85 THRU 12/85	9	.8	.1		7.8	2.7	1.2	*			
*CURRENT QTR 10/86 THRU 12/86	11	1.3	.2		14.8	5.0	2.7	*			
*-----								*			
* Y E A R T O D A T E								*			
*-----								*			
*PREVIOUS YEAR 1/85 THRU 12/85	39	.8	.1		32.3	4.5	1.9	*			
*CURRENT YEAR 1/86 THRU 12/86	44	1.1	.2		51.9	5.0	2.1	*			

LOCK & DAM 2
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT											
	VESSEL	VESSEL	VESSEL	BARGES	BARGES	LCKGES	LCKGES	LCKGES	TONNAGE		
	TOTAL	RECRTN	TOWS	TOTAL	LOADED	TOTAL	COMMER	RECRTN	KTONS		
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)			

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		*
* U P B O U N D	421	47	49	*	637	40	*	467	72	27	306
* D O W N B O U N D	419	46	49	*	657	57	*	466	75	24	213
* T O T A L	840	47	49	*	1294	49	*	933	73	25	519
*CURRENT QTR 10/86 THRU 12/86				*		*			*		*
* U P B O U N D	398	43	51	*	700	48	*	446	78	21	375
* D O W N B O U N D	385	42	53	*	673	49	*	436	77	21	160
* T O T A L	783	42	52	*	1373	49	*	882	78	21	535

*>>>> PERCENT CHANGE <<<<<	-6%	-15%	-0%	*	6%	5%	*	-5%	0%	-20%	3%

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		*
* U P B O U N D	5491	81	17	*	2879	44	*	3295	46	53	1443
* D O W N B O U N D	5687	80	16	*	2878	55	*	3230	46	52	890
* T O T A L	11178	81	16	*	5757	49	*	6525	46	53	2333
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		*
* U P B O U N D	5330	82	16	*	2754	45	*	3095	45	53	1393
* D O W N B O U N D	5387	82	15	*	2651	52	*	3066	44	54	678
* T O T A L	10717	82	16	*	5405	49	*	6161	45	54	2071

*>>>> PERCENT CHANGE <<<<<	-4%	-2%	-7%	*	-6%	-6%	*	-5%	-8%	-3%	-11%

*(ALL TIMES EXPRESSED IN HOURS)											
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
	TOWS	OF	OF	TIME	MAX	OF					
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL					

*PREVIOUS QTR 10/85 THRU 12/85	113	.8	.2	94.6	11.0	6.9					
*CURRENT QTR 10/86 THRU 12/86	113	.7	.2	89.2	6.2	214.3					

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	609	.6	.2	373.6	11.0	3.9					
*CURRENT YEAR 1/86 THRU 12/86	497	.5	.1	272.9	10.1	72.6					

LOCK & DAM 3

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ALLEGHENY RIVER

H4 PITTSBURGH

OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
	(%)	(%)	*	(%)	*	(%)	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	319	28	66	* 653	39	* 414	83	15	* 323	*
* DOWNBOUND	333	30	63	* 665	57	* 419	84	14	* 211	*
* TOTAL	652	29	64	* 1318	48	* 833	84	14	* 534	*

*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	308	24	68	* 711	49	* 404	86	13	* 389	*
* DOWNBOUND	315	28	66	* 669	48	* 391	85	13	* 154	*
* TOTAL	623	26	67	* 1380	49	* 795	86	13	* 543	*

*>>>> PERCENT CHANGE <<<<<	-4%	-15%	-0%	* 4%	5%	* -4%	-2%	-14%	* 1%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	3118	67	30	* 2902	44	* 2524	60	39	* 1502	*
* DOWNBOUND	3100	67	30	* 2930	54	* 2483	61	38	* 885	*
* TOTAL	6218	67	30	* 5832	49	* 5007	60	38	* 2387	*

*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2924	68	28	* 2755	45	* 2336	58	41	* 1427	*
* DOWNBOUND	2956	68	28	* 2691	51	* 2293	58	40	* 679	*
* TOTAL	5880	68	28	* 5446	48	* 4629	58	40	* 2106	*

*>>>> PERCENT CHANGE <<<<<	-5%	-3%	-9%	* -6%	-7%	* -7%	-11%	-1%	* -11%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
	TOWS	OF	OF	TIME	MAX	OF				*
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*

*PREVIOUS QTR 10/85 THRU 12/85	106	.8	.2	87.9	3.9	1.9				*
*CURRENT QTR 10/86 THRU 12/86	101	.7	.1	71.9	3.5	40.3				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	515	.7	.1	374.7	4.4	2.5				*
*CURRENT YEAR 1/86 THRU 12/86	410	.5	.1	228.9	3.8	20.4				*

LOCK & DAM 4
ALLEGHENY RIVER
M4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	345	24	67	*	763	13	*	391	85	14 * 129 *
* DOWNBOUND	357	27	68	*	780	87	*	393	84	15 * 337 *
* TOTAL	702	26	68	*	1543	50	*	784	84	15 * 466 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	360	27	68	*	839	12	*	378	86	12 * 120 *
* DOWNBOUND	377	30	65	*	844	84	*	381	85	13 * 316 *
* TOTAL	737	28	66	*	1683	48	*	759	86	13 * 436 *

*>>>> PERCENT CHANGE <<<<<	4%	16%	3%	*	9%	4%	*	-3%	-1%	-14% * -6% *

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	3395	68	26	*	2981	13	*	2356	54	44 * 558 *
* DOWNBOUND	3207	69	28	*	3018	86	*	2292	56	42 * 1344 *
* TOTAL	6602	68	27	*	5999	50	*	4648	55	43 * 1902 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	2919	70	27	*	2705	15	*	2043	55	44 * 550 *
* DOWNBOUND	2855	69	27	*	2695	83	*	1962	58	40 * 1009 *
* TOTAL	5774	70	27	*	5400	49	*	4005	56	42 * 1559 *

*>>>> PERCENT CHANGE <<<<<	-12%	-10%	-12%	*	-9%	-11%	*	-13%	-12%	-16% * -18% *

*(ALL TIMES EXPRESSED IN HOURS)										*
*	DELAYED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF			TIME	MAX	OF		*
		DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED	VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	96	.5	.1			48.4	2.5	.0		*
*CURRENT QTR 10/86 THRU 12/86	59	.3	.0			21.1	2.2	1.7		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	408	.4	.1			198.3	10.0	3.0		*
*CURRENT YEAR 1/86 THRU 12/86	291	.3	.0			106.9	4.4	4.6		*

LOCK & DAM 5
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE			
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS			
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*			
*-----				*-----		*-----			*-----			
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*			
* UPBOUND	257	29	68	*	632	2	*	256	76	23	*	8
* DOWNBOUND	262	29	69	*	645	96	*	250	78	21	*	268
* TOTAL	519	29	68	*	1277	49	*	506	77	22	*	276
*CURRENT QTR 10/86 THRU 12/86				*		*						
* UPBOUND	178	28	62	*	316	9	*	167	80	18	*	17
* DOWNBOUND	189	32	56	*	320	85	*	176	77	21	*	120
* TOTAL	367	30	59	*	636	47	*	343	79	19	*	137
*-----				*-----		*-----						
*>>>> PERCENT CHANGE <<<<<	-29%	-26%	-38%	*	-50%	-52%	*	-32%	-30%	-39%	*	-50%
*-----				*-----		*-----						
* Y E A R T O D A T E				*		*						
*-----				*-----		*-----						
*PREVIOUS YEAR 1/85 THRU 12/85				*		*						
* UPBOUND	2012	68	31	*	2465	0	*	1528	46	52	*	11
* DOWNBOUND	2026	68	30	*	2470	97	*	1491	48	50	*	1047
* TOTAL	4038	68	31	*	4935	49	*	3019	47	51	*	1058
*CURRENT YEAR 1/86 THRU 12/86				*		*						
* UPBOUND	1512	68	28	*	1423	5	*	1132	45	53	*	78
* DOWNBOUND	1522	68	27	*	1407	92	*	1129	47	51	*	567
* TOTAL	3034	68	28	*	2830	48	*	2261	46	52	*	645
*-----				*-----		*-----						
*>>>> PERCENT CHANGE <<<<<	-24%	-24%	-31%	*	-42%	-43%	*	-25%	-27%	-23%	*	-39%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL						
*-----	DELAYED	OF	OF	TIME	MAX	OF						
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED						
*-----						VSLs						
*PREVIOUS QTR 10/85 THRU 12/85	39	.1	.0	4.5	.2	79.5						
*CURRENT QTR 10/86 THRU 12/86	12	.1	.0	1.9	.3	69.4						
*-----												
* Y E A R T O D A T E												
*-----												
*PREVIOUS YEAR 1/85 THRU 12/85	179	.1	.0	23.8	.9	79.5						
*CURRENT YEAR 1/86 THRU 12/86	132	.1	.0	22.5	1.6	66.7						

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 6
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	224	19	75	*	560	1	*	214	86	12	* 5
* DOWNBOUND	225	19	78	*	574	93	*	212	88	11	* 228
* TOTAL	449	19	77	*	1134	48	*	426	87	11	* 233
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	69	72	18	*	19	31	*	62	33	64	* 7
* DOWNBOUND	76	75	15	*	20	15	*	65	32	66	* 2
* TOTAL	145	73	17	*	39	23	*	127	33	65	* 9

*>>>> PERCENT CHANGE <<<<<	-67%	21%	-92%	*	-96%	-98%	*	-70%	-88%	62%	* -96%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1291	50	47	*	2272	1	*	1171	59	39	* 14
* DOWNBOUND	1289	50	47	*	2300	96	*	1164	60	38	* 954
* TOTAL	2580	50	47	*	4572	48	*	2335	60	39	* 968
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	709	86	11	*	157	28	*	548	20	77	* 60
* DOWNBOUND	726	86	10	*	148	55	*	534	20	77	* 46
* TOTAL	1435	86	11	*	305	41	*	1082	20	77	* 106

*>>>> PERCENT CHANGE <<<<<	-44%	-4%	-86%	*	-93%	-94%	*	-53%	-84%	-8%	* -89%

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY		AVG STALL	*
*-----	DELAYED		OF		OF		TIME	MAX		OF	*
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	29		.1		.0		4.5	.3		80.0	*
*CURRENT QTR 10/86 THRU 12/86	1		.2		.0		.2	.3		.0	*

* Y E A R T O D A T E											*

*PREVIOUS YEAR 1/85 THRU 12/85	151		.2		.0		32.7	2.0		9.7	*
*CURRENT YEAR 1/86 THRU 12/86	20		.2		.0		4.7	.9		1.1	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 7
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*		
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*		
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*		(%)	(%) *	*		

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*		
* UPBOUND	60	75	20 *	18	11	*	43	37	60 *	2	*	
* DOWNBOUND	54	72	25 *	27	66	*	42	40	59 *	7	*	
* TOTAL	114	73	22 *	45	44	*	85	38	60 *	9	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*		
* UPBOUND	45	68	22 *	14	35	*	44	38	59 *	6	*	
* DOWNBOUND	51	70	21 *	18	16	*	44	40	56 *	2	*	
* TOTAL	96	69	21 *	32	25	*	88	39	57 *	8	*	

*>>>> PERCENT CHANGE <<<<<	-15%	-20%	-19% *	-28%	-60%	*	3%	6%	0% *	-11%	*	

* Y E A R T O D A T E				*		*			*	*		
*.....				*		*			*	*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*		
* UPBOUND	699	91	7 *	117	1	*	443	15	83 *	2	*	
* DOWNBOUND	695	91	7 *	121	86	*	467	14	83 *	57	*	
* TOTAL	1394	91	7 *	238	44	*	910	15	83 *	59	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*		
* UPBOUND	647	87	11 *	143	29	*	423	23	74 *	60	*	
* DOWNBOUND	665	86	11 *	137	59	*	440	22	75 *	46	*	
* TOTAL	1312	86	11 *	280	44	*	863	23	74 *	106	*	

*>>>> PERCENT CHANGE <<<<<	-5%	-10%	52% *	17%	15%	*	-5%	45%	-14% *	79%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*					
*.....	DELAYED	OF	OF	TIME	MAX	OF	*					
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*					

*PREVIOUS QTR 10/85 THRU 12/85	2	.1	.0	.2	.3	81.0	*					
*CURRENT QTR 10/86 THRU 12/86	1	.3	.0	.3	.3	.0	*					

* Y E A R T O D A T E							*					
*.....							*					
*PREVIOUS YEAR 1/85 THRU 12/85	12	.2	.0	2.7	.8	81.0	*					
*CURRENT YEAR 1/86 THRU 12/86	10	.1	.0	1.6	.3	.0	*					

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB												

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 FEB

LOCK & DAM 8
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	127	20	77	*	98	0	*	128	82	16	* 0
* D O W N B O U N D	132	21	78	*	103	98	*	129	84	15	* 161
* T O T A L	259	20	77	*	201	50	*	257	83	15	* 161
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	132	16	80	*	106	0	*	133	86	12	* 0
* D O W N B O U N D	144	23	75	*	108	99	*	134	85	13	* 173
* T O T A L	276	20	77	*	214	50	*	267	86	13	* 173

*>>>> PERCENT CHANGE <<<<<	6%	3%	6%	*	6%	5%	*	3%	6%	-14%	* 7%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	948	59	38	*	369	0	*	748	51	47	* 0
* D O W N B O U N D	957	59	38	*	372	99	*	760	51	48	* 585
* T O T A L	1905	59	38	*	741	49	*	1508	51	48	* 585
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	819	67	32	*	265	0	*	581	47	52	* 1
* D O W N B O U N D	827	67	32	*	266	98	*	596	46	53	* 420
* T O T A L	1646	67	32	*	531	49	*	1177	46	52	* 421

*>>>> PERCENT CHANGE <<<<<	-13%	-2%	-28%	*	-28%	-28%	*	-21%	-28%	-14%	* -28%

*(ALL TIMES EXPRESSED IN HOURS)											*
*-----	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*	
* F O U R T H Q U A R T E R	TOWS		OF		OF		TIME	MAX	OF	*	
			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*	

*PREVIOUS QTR 10/85 THRU 12/85	6		.1		.0		.9	.3	3.8	*	
*CURRENT QTR 10/86 THRU 12/86	3		.1		.0		.5	.3	25.0	*	

* Y E A R T O D A T E										*	

*PREVIOUS YEAR 1/85 THRU 12/85	23		.1		.0		3.5	.5	3.8	*	
*CURRENT YEAR 1/86 THRU 12/86	12		.1		.0		2.2	.3	64.2	*	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR

LOCK & DAM 9
ALLEGHENY RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*-----				*		*			*	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* U P B O U N D	23	100	0	*	0	0	*	24	20	79	* 0 *
* D O W N B O U N D	30	100	0	*	0	0	*	23	21	78	* 0 *
* T O T A L	53	100	0	*	0	0	*	47	21	78	* 0 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* U P B O U N D	15	100	0	*	0	0	*	16	31	68	* 0 *
* D O W N B O U N D	18	100	0	*	0	0	*	17	29	70	* 0 *
* T O T A L	33	100	0	*	0	0	*	33	30	69	* 0 *
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-37%	-37%	0%	*	0%	0%	*	-29%	0%	37%	* 0% *
*-----				*		*			*	*	
* Y E A R T O D A T E				*		*			*	*	
*-----				*		*			*	*	
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* U P B O U N D	542	100	0	*	0	0	*	304	1	98	* 0 *
* D O W N B O U N D	535	100	0	*	0	0	*	310	1	98	* 0 *
* T O T A L	1077	100	0	*	0	0	*	614	1	98	* 0 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* U P B O U N D	476	100	0	*	0	0	*	268	2	97	* 0 *
* D O W N B O U N D	499	100	0	*	0	0	*	275	2	97	* 0 *
* T O T A L	975	100	0	*	0	0	*	543	2	97	* 0 *
*-----				*		*			*	*	
*>>>> PERCENT CHANGE <<<<<	-9%	-9%	0%	*	0%	0%	*	-11%	40%	-12%	* 0% *

*(ALL TIMES EXPRESSED IN HOURS)											*
*-----											*
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
	TOWS	OF	OF	TIME	MAX	OF	*				
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				
*-----							*				
*PREVIOUS QTR 10/85 THRU 12/85	0	.0	.0	.0	.1	.0	*				
*CURRENT QTR 10/86 THRU 12/86	0	.0	.0	.0	.3	.0	*				
*-----							*				
* Y E A R T O D A T E							*				
*-----							*				
*PREVIOUS YEAR 1/85 THRU 12/85	0	.0	.0	.0	.2	.0	*				
*CURRENT YEAR 1/86 THRU 12/86	0	.0	.0	.0	.3	.0	*				

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN FEB MAR APR NOV DEC
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN FEB MAR APR NOV DEC

LOCK & DAM 2
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	* (%)		* (%)	(%)	(%)	* (%)	*
*-----				*-----		*-----			*-----	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	479	1	92	* 2440	35	* 481	98	1	* 1099	*
* DOWNBOUND	461	1	91	* 2377	78	* 476	97	1	* 2035	*
* TOTAL	940	1	92	* 4817	56	* 957	97	1	* 3134	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	374	0	99	* 2332	21	* 394	100	0	* 616	*
* DOWNBOUND	404	0	100	* 2532	85	* 425	100	0	* 2337	*
* TOTAL	778	0	99	* 4864	54	* 819	100	0	* 2953	*
*-----				*-----		*-----			*-----	*
*>>>> PERCENT CHANGE <<<<<	-17%	-100%	-10%	* 0%	-2%	* -14%	-12%	-100%	* -5%	*
*-----				*-----		*-----			*-----	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1826	0	97	* 11140	36	* 1954	99	0	* 5315	*
* DOWNBOUND	1823	0	97	* 11238	76	* 1952	99	0	* 9018	*
* TOTAL	3649	0	97	* 22378	56	* 3906	99	0	* 14333	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1772	0	98	* 11512	28	* 1897	99	0	* 4119	*
* DOWNBOUND	1823	0	99	* 11815	83	* 1967	99	0	* 10772	*
* TOTAL	3595	0	98	* 23327	56	* 3864	99	0	* 14891	*
*-----				*-----		*-----			*-----	*
*>>>> PERCENT CHANGE <<<<<	-1%	17%	-0%	* 4%	3%	* -1%	-0%	-53%	* 3%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
*-----	DELAYED		OF	OF		TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85	300		.6	.2		189.3	10.0	25.7		*
*CURRENT QTR 10/86 THRU 12/86	201		.6	.1		128.5	3.0	.0		*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	1200		.7	.2		913.4	10.0	18.2		*
*CURRENT YEAR 1/86 THRU 12/86	1124		.7	.2		876.5	6.8	10.4		*

LOCK & DAM 2 AUX 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	169	30	48	*	127 77	*	167 70	27	* 75	*
* D O W N B O U N D	173	27	46	*	115 22	*	170 74	22	* 29	*
* T O T A L	342	28	47	*	242 51	*	337 72	25	* 104	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	269	20	62	*	259 63	*	265 81	17	* 144	*
* D O W N B O U N D	239	23	54	*	187 18	*	235 79	19	* 40	*
* T O T A L	508	21	58	*	446 44	*	500 80	18	* 184	*

*>>>> PERCENT CHANGE <<<<<	48%	12%	83%	*	84% 59%	*	48% 64%	8%	* 76%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1750	50	33	*	1151 52	*	1503 62	36	* 509	*
* D O W N B O U N D	1705	51	30	*	1018 44	*	1492 63	35	* 482	*
* T O T A L	3455	51	32	*	2169 48	*	2995 62	36	* 991	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1949	57	31	*	1142 54	*	1608 57	40	* 546	*
* D O W N B O U N D	1885	59	27	*	1025 41	*	1550 57	41	* 452	*
* T O T A L	3834	58	29	*	2167 48	*	3158 57	41	* 998	*

*>>>> PERCENT CHANGE <<<<<	10%	26%	2%	*	-0% -0%	*	5% -3%	20%	* 0%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
*.....	DELAYED	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	13	.2	.0		3.4	.7	96.7			*
*CURRENT QTR 10/86 THRU 12/86	28	.2	.0		7.3	1.6	.0			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	226	2.2	.4		497.5	14.8	33.3			*
*CURRENT YEAR 1/86 THRU 12/86	218	1.5	.2		341.4	8.9	24.3			*

LOCK & DAM 3
MONONGAHELA RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
*-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	616	0	95	* 2918	11	* 608	99	0	* 395	*
* DOWNBOUND	639	0	95	* 2896	91	* 634	99	0	* 2719	*
* TOTAL	1255	0	95	* 5814	51	* 1242	99	0	* 3114	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	582	0	98	* 2834	14	* 575	99	0	* 494	*
* DOWNBOUND	626	0	99	* 2944	92	* 625	99	0	* 2862	*
* TOTAL	1208	0	99	* 5778	54	* 1200	99	0	* 3356	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-3%	200%	0%	* -0%	4%	* -3%	-3%	0%	* 7%	*
*-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	2831	0	96	* 13826	12	* 2789	99	0	* 2034	*
* DOWNBOUND	2904	0	97	* 13889	92	* 2874	99	0	* 12988	*
* TOTAL	5735	0	97	* 27715	52	* 5663	99	0	* 15022	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	3010	0	98	* 14506	14	* 2972	99	0	* 2449	*
* DOWNBOUND	3136	0	98	* 14563	92	* 3115	99	0	* 14177	*
* TOTAL	6146	0	98	* 29069	53	* 6087	99	0	* 16626	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	7%	-54%	8%	* 4%	6%	* 7%	7%	-50%	* 10%	*

*(ALL TIMES EXPRESSED IN HOURS)										
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				
*-----		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS				
*PREVIOUS QTR 10/85 THRU 12/85	487	.6	.2	305.2	3.0	45.2				
*CURRENT QTR 10/86 THRU 12/86	377	.4	.1	185.4	1.7	.0				
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	2402	.6	.2	1481.4	11.2	29.4				
*CURRENT YEAR 1/86 THRU 12/86	2565	.5	.2	1521.0	3.8	22.2				

LOCK & DAM 3 AUXILIARY 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*		(%)	(%) *	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	238	11	30 *	100	38 *	233	87	11 *	37 *		
* DOWNBOUND	221	13	41 *	151	65 *	216	86	11 *	101 *		
* TOTAL	459	12	35 *	251	54 *	449	87	11 *	138 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	318	11	33 *	180	35 *	317	88	11 *	68 *		
* DOWNBOUND	282	15	41 *	184	55 *	278	85	14 *	108 *		
* TOTAL	600	13	37 *	364	45 *	595	86	12 *	176 *		

*>>>> PERCENT CHANGE <<<<<	30%	42%	38% *	45%	20% *	32%	31%	45% *	27%		

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	1885	36	32 *	1397	20 *	1594	72	26 *	309 *		
* DOWNBOUND	1789	37	32 *	1331	78 *	1516	71	27 *	1071 *		
* TOTAL	3674	37	32 *	2728	48 *	3110	72	27 *	1380 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	2141	40	23 *	904	29 *	1813	69	30 *	294 *		
* DOWNBOUND	2009	44	25 *	854	65 *	1691	65	33 *	593 *		
* TOTAL	4150	42	24 *	1758	47 *	3504	67	31 *	887 *		

*>>>> PERCENT CHANGE <<<<<	12%	29%	-13% *	-35%	-37% *	12%	5%	32% *	-35%		

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs	*				

*PREVIOUS QTR 10/85 THRU 12/85	19	.2	.0	4.1	.6	109.0	*				
*CURRENT QTR 10/86 THRU 12/86	18	.3	.0	5.4	.7	.0	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	290	.6	.1	193.5	5.1	24.4	*				
*CURRENT YEAR 1/86 THRU 12/86	167	.3	.0	65.1	2.5	41.8	*				

LOCK & DAM 4
MONONGAHELA RIVER
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* U P B O U N D	443	0	98	*	2438	8	*	467	99	0	208
* D O W N B O U N D	439	0	98	*	2396	95	*	494	99	0	2427
* T O T A L	882	0	98	*	4834	51	*	961	99	0	2635
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* U P B O U N D	499	0	98	*	2835	10	*	553	100	0	319
* D O W N B O U N D	557	0	99	*	2975	95	*	624	99	0	3056
* T O T A L	1056	0	99	*	5810	53	*	1177	99	0	3375

*>>>> PERCENT CHANGE <<<<<	19%	0%	20%	*	20%	26%	*	22%	22%	0%	28%

* Y E A R T O D A T E				*		*			*		

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* U P B O U N D	2246	3	94	*	12160	9	*	2335	97	1	1244
* D O W N B O U N D	2319	3	95	*	12286	94	*	2459	97	1	11899
* T O T A L	4565	3	95	*	24446	52	*	4794	97	1	13143
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* U P B O U N D	2363	0	99	*	13574	10	*	2613	99	0	1466
* D O W N B O U N D	2507	0	99	*	13723	95	*	2792	99	0	14224
* T O T A L	4870	0	99	*	27297	53	*	5405	99	0	15690

*>>>> PERCENT CHANGE <<<<<	6%	-99%	11%	*	11%	12%	*	12%	15%	-100%	19%

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		
*-----	TOWS		OF		OF		TIME	MAX	OF		
* F O U R T H Q U A R T E R			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		

*PREVIOUS QTR 10/85 THRU 12/85	342		.8		.3		277.3	3.8	17.4		
*CURRENT QTR 10/86 THRU 12/86	345		.6		.2		227.7	3.6	.0		

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	1782		.8		.3		1481.2	12.9	2.6		
*CURRENT YEAP 1/86 THRU 12/86	1900		.7		.2		1358.8	4.3	12.7		

LOCK & DAM 4 AUXILIARY 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
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* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	
*.....				*.....		*.....			*.....	*	
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	103	27	36	*	64 15	*	107 71	25	* 10		
* DOWNBOUND	115	26	24	*	47 61	*	117 73	22	* 31		
* TOTAL	218	26	30	*	111 35	*	224 72	23	* 41		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	176	23	38	*	123 26	*	174 77	21	* 38		
* DOWNBOUND	126	33	34	*	79 40	*	119 69	28	* 31		
* TOTAL	302	27	36	*	202 32	*	293 74	24	* 69		
*.....				*.....		*.....			*.....		
*>>>> PERCENT CHANGE <<<<<	38%	44%	66%	*	81% 66%	*	30% 33%	33%	* 68%		
*.....				*.....		*.....			*.....		
* Y E A R T O D A T E				*		*			*		
*.....				*.....		*.....			*.....		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	954	45	37	*	1292 16	*	1026 70	28	* 194		
* DOWNBOUND	1132	46	26	*	1198 85	*	1041 69	29	* 1006		
* TOTAL	2086	46	31	*	2490 49	*	2067 70	28	* 1200		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	1357	61	17	*	496 25	*	1139 47	51	* 125		
* DOWNBOUND	1240	65	15	*	390 51	*	1010 43	55	* 212		
* TOTAL	2597	63	16	*	886 36	*	2149 45	53	* 337		
*.....				*.....		*.....			*.....		
*>>>> PERCENT CHANGE <<<<<	24%	72%	-35%	*	-64% -73%	*	3% -32%	92%	* -71%		

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL	*		
*.....	DELAYED	OF	OF			TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs	*		
*.....									*		
*PREVIOUS QTR 10/85 THRU 12/85	2	.3	.0			.7	1.0	31.6			
*CURRENT QTR 10/86 THRU 12/86	7	.2	.0			1.9	.7	1.0			
*.....											
* Y E A R T O D A T E											
*.....											
*PREVIOUS YEAR 1/85 THRU 12/85	278	6.4	2.7			1800.2	21.7	7.5			
*CURRENT YEAR 1/86 THRU 12/86	56	.6	.0			33.8	3.2	.8			

MAXWELL LOCK & DAM
MONONGAHELA RIVER
H4 PITTSBURGH
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	360	10	88 *	1793	9	354	90	8 *	179	*	
* DOWNBOUND	192	16	80 *	822	95	178	90	8 *	803	*	
* TOTAL	552	12	85 *	2615	36	532	90	8 *	982	*	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	520	13	84 *	2471	9	489	91	7 *	259	*	
* DOWNBOUND	167	32	67 *	617	90	136	82	15 *	579	*	
* TOTAL	687	18	80 *	3088	25	625	89	9 *	838	*	

*>>>> PERCENT CHANGE <<<<<	24%	88%	17% *	18%	-16%	17%	16%	28% *	-14%	*	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2452	24	73 *	10355	9	2201	83	15 *	1031	*	
* DOWNBOUND	1215	49	47 *	3058	93	952	63	35 *	2887	*	
* TOTAL	3667	32	65 *	13413	28	3153	77	21 *	3918	*	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	2427	25	73 *	10373	9	2160	83	15 *	1058	*	
* DOWNBOUND	1219	50	48 *	3306	92	943	63	35 *	3195	*	
* TOTAL	3646	33	65 *	13679	29	3103	77	21 *	4253	*	

*>>>> PERCENT CHANGE <<<<<	-0%	1%	-1% *	1%	5%	-1%	-1%	-2% *	8%	*	

*(ALL TIMES EXPRESSED IN HOURS)										*	
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*-----	TOWS	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSL'S	*				

*PREVIOUS QTR 10/85 THRU 12/85	102	.3	.0	37.5	1.5	46.4	*				
*CURRENT QTR 10/86 THRU 12/86	47	.4	.0	23.0	5.4	1.0	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	327	.2	.0	97.2	10.6	14.7	*				
*CURRENT YEAR 1/86 THRU 12/86	312	.3	.0	116.8	10.1	34.4	*				

MAXWELL LOCK & DAM AUX 1
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	74	29	68	* 302	5	* 63	82	17	* 16
* DOWNBOUND	248	14	84	* 1246	97	* 226	93	6	* 1245
* TOTAL	322	17	80	* 1548	79	* 289	91	8	* 1261
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	98	29	70	* 379	8	* 90	76	22	* 34
* DOWNBOUND	436	6	92	* 2288	96	* 425	95	4	* 2254
* TOTAL	534	10	88	* 2667	83	* 515	92	7	* 2288
*>>>> PERCENT CHANGE <<<<<	65%	0%	81%	* 72%	81%	* 78%	80%	50%	* 81%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	45	56	42	* 2233	8	* 658	62	37	* 200
* DOWNBOUND	2189	24	74	* 9503	96	* 1908	85	13	* 9154
* TOTAL	3134	34	64	* 11736	79	* 2566	79	19	* 9354
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1234	55	43	* 3021	10	* 903	61	38	* 335
* DOWNBOUND	2484	28	69	* 10122	96	* 2140	82	17	* 10139
* TOTAL	3718	37	61	* 13143	76	* 3043	75	23	* 10474
*>>>> PERCENT CHANGE <<<<<	18%	29%	12%	* 11%	7%	* 18%	12%	41%	* 11%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VESSEL STALLED VESSEL)				
*PREVIOUS QTR 10/85 THRU 12/85	25	2	1	44	7	95			
*CURRENT QTR 10/86 THRU 12/86	31	2	1	45	7	1			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	206	2	1	523	7	125			
*CURRENT YEAR 1/86 THRU 12/86	293	3	1	524	7	148			

NO DATA REPORTED FOR THE FOLLOWING MONTHS BECAUSE OF

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MONONGAHELA RIVER
M4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	405	3	89	1712	8	708	97	1	163
* D O W N B O U N D	393	3	89	1665	97	700	98	1	1642
* T O T A L	798	3	89	3377	52	1408	97	1	1805
* CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	572	1	94	2659	9	1034	99	0	283
* D O W N B O U N D	573	1	95	2700	96	1057	99	0	2619
* T O T A L	1145	1	94	5359	53	2091	99	0	2902
* >>>> PERCENT CHANGE <<<<	43%	38%	52%	58%	61%	48%	50%	52%	60%
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	2331	5	88	9428	10	3985	97	2	1126
* D O W N B O U N D	2316	5	88	9358	94	4044	97	2	8705
* T O T A L	4647	5	88	18786	52	8029	97	2	9831
* CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	2510	4	90	11052	10	4439	97	2	1262
* D O W N B O U N D	2520	4	89	11051	96	4534	97	2	10712
* T O T A L	5030	4	90	22103	53	8973	97	2	11974
* >>>> PERCENT CHANGE <<<<	8%	10%	10%	17%	19%	11%	12%	0%	21%
* (ALL TIMES EXPRESSED IN HOURS)									
	DE. AYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DE. AYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALL TO VSL			
* PREVIOUS QTR 10/85 THRU 12/85	423	1.1	1	503.6	7.9	12.4			
* CURRENT QTR 10/86 THRU 12/86	529	1.8	4	467.5	4.3				
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85	2958	9	4	2945.8	18.1	4.1			
* CURRENT YEAR 1/86 THRU 12/86	2389	9	5	2342.1	7				

POINT MARION LOCK & DAM
MONONGAHELA RIVER
H4 PITTSBURGH
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	352	3	91	* 1456	9	* 621	98	1	* 159	*
* D O W N B O U N D	347	2	89	* 1410	97	* 608	98	1	* 1388	*
* T O T A L	699	3	90	* 2866	52	* 1229	98	1	* 1547	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	500	1	94	* 2208	11	* 883	98	0	* 297	*
* D O W N B O U N D	499	1	94	* 2237	96	* 906	99	0	* 2168	*
* T O T A L	999	1	94	* 4445	54	* 1789	99	0	* 2465	*

*>>>> PERCENT CHANGE <<<<<	42%	-19%	49%	* 55%	58%	* 45%	46%	-37%	* 59%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	2015	5	89	* 7936	12	* 3427	97	2	* 1133	*
* D O W N B O U N D	2020	5	88	* 7902	93	* 3459	97	2	* 7246	*
* T O T A L	4035	5	88	* 15838	53	* 6886	97	2	* 8379	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	2178	4	91	* 9266	12	* 3822	97	2	* 1277	*
* D O W N B O U N D	2173	4	90	* 9258	95	* 3886	97	2	* 8947	*
* T O T A L	4351	4	90	* 18524	53	* 7708	97	2	* 10224	*

*>>>> PERCENT CHANGE <<<<<	7%	-9%	10%	* 16%	19%	* 11%	12%	-6%	* 22%	*

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY		AVG STALL
*-----	DELAYED		OF		OF		TIME	MAX		OF
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)		STALLED VSLs

*PREVIOUS QTR 10/85 THRU 12/85	267		.6		.2		186.1	3.1		30.6
*CURRENT QTR 10/86 THRU 12/86	328		.6		.2		216.1	2.9		.4

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	1450		.9		.3		1312.7	38.8		3.3
*CURRENT YEAR 1/86 THRU 12/86	1535		.7		.3		1207.2	20.7		1.3

MORGANTOWN LOCK & DAM
 MONONGAHELA RIVER
 H4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTM (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTM (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	99	10	77	304	0	99	89	9	0
* DOWNBOUND	96	11	73	287	99	97	87	10	296
* TOTAL	195	10	75	591	48	196	88	9	296
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	145	4	77	452	0	148	93	4	2
* DOWNBOUND	148	4	77	458	96	150	94	4	457
* TOTAL	293	4	77	910	48	298	93	4	459
*>>>> PERCENT CHANGE <<<<<	50%	-33%	52%	53%	54%	52%	60%	-36%	55%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	621	37	54	1394	1	576	68	30	20
* DOWNBOUND	623	37	52	1368	98	568	68	30	1368
* TOTAL	1244	37	53	2762	49	1144	68	30	1388
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	758	27	60	1884	0	739	75	22	16
* DOWNBOUND	759	26	62	1916	97	741	76	21	1929
* TOTAL	1517	26	61	3800	49	1480	75	22	1945
*>>>> PERCENT CHANGE <<<<<	21%	-12%	39%	37%	39%	29%	43%	-6%	40%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	2	.1	.0	.3	.2	2.4			
*CURRENT QTR 10/86 THRU 12/86	8	.4	.0	3.3	.6	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	15	.2	.0	3.5	.7	2.4			
*CURRENT YEAR 1/86 THRU 12/86	23	.3	.0	7.1	3.5	2.3			

HILDEBRAND LOCK & DAM
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	51	15	68	*	157	0	50	84	14	0
* DOWNBOUND	56	26	64	*	147	100	54	75	22	157
* TOTAL	107	21	66	*	304	48	104	79	18	157
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	62	12	74	*	225	0	65	83	7	0
* DOWNBOUND	66	18	72	*	220	98	67	82	10	235
* TOTAL	128	15	73	*	445	48	132	82	9	235

*>>>> PERCENT CHANGE <<<<<	19%	13%	32%	*	46%	47%	26%	31%	36%	49%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	344	34	56	*	754	1	324	68	29	14
* DOWNBOUND	340	35	55	*	725	97	316	68	29	765
* TOTAL	684	34	56	*	1479	48	640	68	29	779
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	370	33	57	*	942	1	367	66	26	12
* DOWNBOUND	379	34	58	*	947	98	367	67	25	1020
* TOTAL	749	34	57	*	1889	50	734	67	26	1032

*>>>> PERCENT CHANGE <<<<<	9%	6%	12%	*	27%	31%	14%	12%	1%	32%

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
*-----	TOWS	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSL'S			*

*PREVIOUS QTR 10/85 THRU 12/85	5	.5	.0		2.5	.8	2.6			*
*CURRENT QTR 10/86 THRU 12/86	4	.7	.0		3.1	2.0	1.5			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	24	.4	.0		10.4	1.1	3.0			*
*CURRENT YEAR 1/86 THRU 12/86	18	.3	.0		6.4	2.0	1.1			*

OPEKISKA LOCK & DAM
 MONONGAHELA RIVER
 #4 PITTSBURGH
 OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	33	30	54	62	0	32	68	28	0
* DOWNBOUND	32	34	53	58	98	32	65	31	57
* TOTAL	65	32	53	120	47	64	67	29	57
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	50	12	72	97	3	57	78	10	3
* DOWNBOUND	48	12	70	83	97	55	78	10	84
* TOTAL	98	12	71	180	46	112	78	10	87
*>>>> PERCENT CHANGE <<<<<	50%	-42%	100%	50%	47%	75%	104%	-36%	52%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	315	68	25	218	3	273	35	58	9
* DOWNBOUND	327	70	23	204	94	283	33	60	200
* TOTAL	642	69	24	422	47	556	34	59	209
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	336	61	30	333	4	318	41	49	15
* DOWNBOUND	338	62	30	327	94	329	39	51	305
* TOTAL	674	62	30	660	48	647	40	50	320
*>>>> PERCENT CHANGE <<<<<	4%	6%	32%	56%	60%	16%	34%	1%	53%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALL (HRS)			
*PREVIOUS QTR 10/85 THRU 12/85	0	.5	.0	.0	.0	.0			
*CURRENT QTR 10/86 THRU 12/86	0	.7	.0	.0	.0	.0			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	4	.1	.0	.7	.3	.7			
*CURRENT YEAR 1/86 THRU 12/86	4	.1	.0	.6	.8	.7			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985 JAN

EMSWORTH LOCK & DAM
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R	(%)	(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	502	0	94	* 2767	56	* 556	99	0	* 1910
* DOWNBOUND	480	0	93	* 2674	60	* 538	98	0	* 1825
* TOTAL	982	0	93	* 5441	58	* 1094	98	0	* 3735
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	458	0	98	* 2633	51	* 507	99	0	* 1559
* DOWNBOUND	461	0	97	* 2790	59	* 515	99	0	* 1858
* TOTAL	919	0	97	* 5423	55	* 1022	99	0	* 3417
*>>>> PERCENT CHANGE <<<<<	-6%	-83%	-2%	* -0%	-4%	* 6%	5%	75%	* 8%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	2172	2	93	* 12439	58	* 2397	98	0	* 8770
* DOWNBOUND	2148	3	93	* 12342	57	* 2382	98	0	* 7880
* TOTAL	4320	2	93	* 24781	58	* 4779	98	0	* 16650
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	2157	3	93	* 12735	52	* 2348	99	0	* 7793
* DOWNBOUND	2105	1	95	* 12864	63	* 2349	99	0	* 9161
* TOTAL	4262	2	94	* 25599	57	* 4697	99	0	* 16954
*>>>> PERCENT CHANGE <<<<<	1%	2%	0%	* 3%	2%	* 1%	1%	51%	* 1%
* ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	374	9	3	340.7	5.4	1.3			
*CURRENT QTR 10/86 THRU 12/86	307	7	2	232.5	4.7	4.9			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1692	9	4	1670.0	7.6	1.3			
*CURRENT YEAR 1/86 THRU 12/86	1585	9	3	1442.7	12.8	3.5			

EMSWORTH LOCK & DAM AUX 1
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	219	20	51	*	153	60	*	235	82	14	* 96
* DOWNBOUND	272	24	44	*	174	25	*	284	77	18	* 48
* TOTAL	491	22	47	*	327	41	*	519	79	16	* 144
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	350	17	54	*	263	58	*	355	85	12	* 156
* DOWNBOUND	370	24	47	*	229	20	*	362	79	17	* 48
* TOTAL	720	20	50	*	492	40	*	717	82	14	* 204

*>>>> PERCENT CHANGE <<<<<	46%	35%	55%	*	50%	45%	*	38%	42%	22%	* 41%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	2264	63	22	*	709	54	*	1742	55	41	* 404
* DOWNBOUND	2323	62	22	*	736	24	*	1873	53	43	* 190
* TOTAL	4587	62	22	*	1445	38	*	3615	54	42	* 594
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	2649	63	22	*	851	59	*	1970	56	41	* 506
* DOWNBOUND	2679	63	21	*	843	20	*	2036	54	42	* 186
* TOTAL	5328	63	21	*	1694	40	*	4006	55	41	* 692

*>>>> PERCENT CHANGE <<<<<	16%	16%	11%	*	17%	20%	*	10%	12%	8%	* 16%

* (ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL			
*-----	TOWS	OF	OF			TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSL'S			

*PREVIOUS QTR 10/85 THRU 12/85	16	.4	0			6.6	.8	60.7			
*CURRENT QTR 10/86 THRU 12/86	40	.2	.0			11.8	.7	26.0			

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	172	.2	.0			51.3	.9	37.0			
*CURRENT YEAR 1/86 THRU 12/86	170	.5	.0			89.5	7.3	57.3			

DASHIELDS LOCK & DAM

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OHIO RIVER

H4 PITTSBURGH

OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* F O U R T H Q U A R T E R		(%)	(%)		(%)		(%)	(%)	
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	449	0	95	* 2932	60	* 517	99	0	* 2085
* DOWNBOUND	422	0	98	* 2891	55	* 493	99	0	* 1815
* TOTAL	871	0	97	* 5823	57	* 1010	99	0	* 3900
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	403	0	99	* 2713	58	* 461	99	0	* 1779
* DOWNBOUND	412	0	99	* 2871	53	* 473	100	0	* 1719
* TOTAL	815	0	99	* 5584	55	* 934	99	0	* 3498
*>>>> PERCENT CHANGE <<<<<	-6%	-100%	-4%	* -4%	-7%	* -7%	-7%	0%	* -10%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1821	0	96	* 12453	61	* 2100	99	0	* 9141
* DOWNBOUND	1812	0	97	* 12479	54	* 2090	99	0	* 7541
* TOTAL	3633	0	97	* 24932	58	* 4190	99	0	* 16682
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1867	0	98	* 13425	56	* 2158	99	0	* 8889
* DOWNBOUND	1879	0	98	* 13526	58	* 2170	99	0	* 8860
* TOTAL	3746	0	98	* 26951	57	* 4328	99	0	* 17749
*>>>> PERCENT CHANGE <<<<<	3%	-60%	4%	* 8%	6%	* 3%	3%	0%	* 6%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	312	.9	.3	305.1	5.0	14.6			
*CURRENT QTR 10/86 THRU 12/86	331	1.3	.5	456.6	21.1	34.7			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	1609	1.3	.5	2115.7	31.0	7.2			
*CURRENT YEAR 1/86 THRU 12/86	1618	1.1	.5	1854.9	21.1	9.1			

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OHIO RIVER

H4 PITTSBURGH

OHIO RIVER DIVISION

* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *			
.....											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* U P B O U N D	212	16	53 *	148	38	* 212	86	12 *	61		
* D O W N B O U N D	249	18	41 *	138	52	* 245	84	15 *	69		
* T O T A L	461	17	46 *	286	45	* 457	85	14 *	130		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* U P B O U N D	315	14	56 *	437	54	* 417	89	9 *	269		
* D O W N B O U N D	306	15	52 *	405	40	* 400	88	9 *	181		
* T O T A L	621	14	54 *	842	47	* 817	88	9 *	450		
.....											
*>>>> PERCENT CHANGE <<<<<	34%	16%	57% *	194%	211%	* 78%	86%	20% *	246%		
.....											
* Y E A R T O D A T E				*		*			*		
.....				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* U P B O U N D	1845	51	31 *	1201	49	* 1776	65	33 *	664		
* D O W N B O U N D	1862	50	27 *	1124	48	* 1837	65	33 *	563		
* T O T A L	3707	50	29 *	2325	48	* 3613	65	33 *	1227		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* U P B O U N D	1966	59	23 *	909	48	* 1689	57	40 *	501		
* D O W N B O U N D	1924	58	23 *	826	41	* 1690	55	42 *	371		
* T O T A L	3890	58	23 *	1735	44	* 3379	56	41 *	872		
.....											
*>>>> PERCENT CHANGE <<<<<	4%	21%	-16% *	-25%	-31%	* -6%	-18%	16% *	-28%		

*(ALL TIMES EXPRESSED IN HOURS)											
.....											
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL					
	TOWS	OF	OF	TIME	MAX	OF					
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS					
.....											
*PREVIOUS QTR 10/85 THRU 12/85	23	.2	.0	6.5	10.0	9.4					
*CURRENT QTR 10/86 THRU 12/86	133	2.7	1.0	364.0	14.9	24.6					
.....											
* Y E A R T O D A T E											
.....											
*PREVIOUS YEAR 1/85 THRU 12/85	338	9.2	2.8	3114.8	46.3	5.3					
*CURRENT YEAR 1/86 THRU 12/86	235	2.0	.5	485.5	14.9	12.9					

MONTGOMERY LOCK & DAM
OHIO RIVER
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	475	0	93	* 3133	61	* 572	100	0	* 2439	*
* D O W N B O U N D	464	0	93	* 3063	52	* 546	99	0	* 1839	*
* T O T A L	939	0	93	* 6196	57	* 1118	99	0	* 4278	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	580	0	89	* 3288	60	* 660	98	0	* 2433	*
* D O W N B O U N D	591	1	89	* 3407	49	* 671	98	1	* 1904	*
* T O T A L	1171	1	89	* 6695	54	* 1331	98	0	* 4337	*

*>>>> PERCENT CHANGE <<<<<	24%	100%	18%	* 8%	3%	* 19%	17%	0%	* 1%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1999	1	93	* 13429	63	* 2376	99	0	* 10728	*
* D O W N B O U N D	1988	0	94	* 13423	51	* 2376	99	0	* 8041	*
* T O T A L	3987	1	94	* 26852	57	* 4752	99	0	* 18769	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	2153	5	86	* 12907	59	* 2435	96	2	* 9604	*
* D O W N B O U N D	2177	4	87	* 13143	52	* 2470	97	2	* 7983	*
* T O T A L	4330	5	86	* 26050	56	* 4905	97	2	* 17587	*

*>>>> PERCENT CHANGE <<<<<	8%	456%	-0%	* -2%	-5%	* 3%	0%	612%	* -6%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
*-----	DELAYED	OF	OF		TIME	MAX	OF			*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	426	1.2	.6		534.1	8.5	1.1			*
*CURRENT QTR 10/86 THRU 12/86	613	1.7	1.0		1063.9	13.7	2.6			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	1975	1.3	.7		2640.1	14.0	1.4			*
*CURRENT YEAR 1/86 THRU 12/86	2378	2.3	1.4		5508.4	48.9	13.4			*

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	BARGES * TOTAL	BARGES LOADED (%)	LCKGES * TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	TONNAGE * ATONS *
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	160	18	41	* 79	40	* 160	83	15	* 70
* DOWNBOUND	163	20	40	* 80	38	* 166	80	18	* 32
* TOTAL	323	19	40	* 159	39	* 326	81	16	* 64
*CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	95	36	32	* 36	44	* 87	70	26	* 18
* DOWNBOUND	73	28	36	* 34	38	* 70	77	18	* 14
* TOTAL	168	33	34	* 70	41	* 157	73	22	* 32
*>>>> PERCENT CHANGE <<<<	-47%	11%	56%	* -55%	-53%	* -11%	56%	-34%	* -54%
* Y E A R T O D A T E				*		*			*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	1468	65	17	* 327	39	* 1073	49	49	* 131
* DOWNBOUND	1509	66	15	* 284	35	* 1102	47	50	* 111
* TOTAL	2977	65	16	* 611	37	* 2175	48	50	* 121
*CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	994	42	40	* 1969	53	* 1434	84	10	* 112
* DOWNBOUND	966	43	32	* 1887	57	* 1445	87	11	* 111
* TOTAL	1954	43	32	* 3856	55	* 2879	86	11	* 111
*>>>> PERCENT CHANGE <<<<	34%	56%	59%	* 531%	434%	* 34%	76%	-77%	* 7%
(ALL TIMES EXPRESSED IN HOURS)									
	AVERAGED	AVG DELAY	Avg DE	Avg OF	Avg OF	Avg OF	Avg OF	Avg OF	Avg OF
F O U R T H Q U A R T E R	T W S	D E L A Y E D	N S	A	S C	M I	M A X	A	S C
P R E V I O U S Q T R 10/85 THRU 12/85	12		X						
C U R R E N T Q T R 10/86 THRU 12/86	5		X						
Y E A R T O D A T E									
P R E V I O U S Y E A R 1/85 THRU 12/85	15		X						
C U R R E N T Y E A R 1/86 THRU 12/86	5		X						

NEW CUMBERLAND LOCK & DAM
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LOCKGES	LOCKGES	LOCKGES	* TONNAGE
* TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	
* FOURTH QUARTER	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	341	0	96	3016	89	332	99	0	3860
* DOWNBOUND	295	1	96	2807	32	291	99	0	1136
* TOTAL	636	0	96	5823	62	623	99	0	4996
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	325	0	99	2921	86	324	99	0	3655
* DOWNBOUND	288	0	98	2888	32	287	99	0	1188
* TOTAL	613	0	99	5809	59	611	99	0	4843
* PERCENT CHANGE	3%	0%	0%	0%	3%	1%	1%	0%	-3%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	1366	2	93	11298	90	1322	98	1	15588
* DOWNBOUND	1298	3	92	11902	32	1247	97	1	4912
* TOTAL	2664	3	93	24200	61	2569	98	1	20500
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	1489		97	13523	85	1477	99	0	16406
* DOWNBOUND	1419		96	13254	35	1401	99	0	5989
* TOTAL	2908		97	26777	60	2878	99	0	22395
* PERCENT CHANGE	9%	0%	1%	10%	8%	12%	13%	89%	9%

* MAXIMUM DELAY IN HOURS	AVERAGE	AVERAGE	TOTAL DELAY	DELAY	AVERAGE	
* AVERAGE	OF	OF	TIME	MAX	OF	
* TOTAL	(HOURS)	(HOURS)	(TOWS)	(ALL VSL)	STALLED VSLs	
* UPBOUND 1/86 THRU 12/86	12.7			95.7	2.7	1.4
* DOWNBOUND 1/86 THRU 12/86	11.7			98.7	2.7	1.0
* TOTAL						
* AVERAGE						
* UPBOUND 1/85 THRU 12/85	41.7			441.7	4.0	15.0
* DOWNBOUND 1/85 THRU 12/85	35.7			553.5	3.5	1.0

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NO DATA REPORTED FOR THE 12 MONTHS OF 1986 JAN

HANNIBAL LOCKS & DAM
 MISSOURI RIVER
 HULL PITTSBURGH
 MISSOURI RIVER DIVISION

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* QUARTER Y REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LOCKGES TOTAL	LOCKGES COMMER (%)	LOCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
* PREVIOUS QTR 10/85 THRU 12/85									
UPBOUND	394	0	96	3914	77	393	99	0	4170
DOWNBOUND	386	0	94	3783	55	387	98	0	2791
TOTAL	780	0	95	7697	66	780	99	0	6961
* PRESENT QTR 10/86 THRU 12/86									
UPBOUND	333	0	100	3675	80	335	99	0	4135
DOWNBOUND	313	0	99	3600	56	315	100	0	2709
TOTAL	646	0	99	7275	68	650	99	0	6844
***** PERCENT CHANGE *****	17%	100%	13%	5%	3%	16%	16%	100%	1%
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85									
UPBOUND	1485	2	95	15543	79	1480	97	2	17223
DOWNBOUND	1431	1	95	15376	54	1426	97	1	11461
TOTAL	2916	2	95	30919	66	2906	97	2	28684
* PRESENT YEAR 1/86 THRU 12/86									
UPBOUND	1438	2	97	15657	80	1440	97	1	17761
DOWNBOUND	1375	1	98	15588	56	1384	98	0	11960
TOTAL	2813	1	97	31245	68	2824	97	1	29721
***** PERCENT CHANGE *****	-3%	-26%	-1%	1%	3%	-2%	-2%	-50%	3%

* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	OF	OF						
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS						
* PREVIOUS QTR 10/85 THRU 12/85	238	.8	.2		196.4	4.3	2.1		
* CURRENT QTR 10/86 THRU 12/86	170	.6	.1		109.6	1.7	1.4		
* Y E A R T O D A T E									
* PREVIOUS YEAR 1/85 THRU 12/85	814	.7	.2		586.4	4.3	1.9		
* CURRENT YEAR 1/86 THRU 12/86	778	.7	.2		601.1	19.9	1.8		

HANNIBAL LOCKS & DAM AUX 1
OHIO RIVER
H4 PITTSBURGH
OHIO RIVER DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* K'ONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	81	14	66	*	127	64	*	86	82	11
* DOWNBOUND	94	22	62	*	135	31	*	99	76	19
* TOTAL	175	18	64	*	262	47	*	185	79	15
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	71	25	64	*	131	66	*	68	80	8
* DOWNBOUND	93	31	62	*	175	40	*	95	67	22
* TOTAL	164	28	63	*	306	51	*	163	73	16

*>>>> PERCENT CHANGE <<<<<	6%	42%	7%	*	16%	25%	*	-11%	-19%	-6%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	487	57	31	*	467	48	*	406	47	48
* DOWNBOUND	552	57	35	*	559	37	*	494	48	47
* TOTAL	1039	57	33	*	1026	42	*	900	47	47
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	446	60	34	*	494	50	*	379	49	43
* DOWNBOUND	500	57	38	*	632	49	*	445	48	42
* TOTAL	946	58	36	*	1126	49	*	824	49	43

*>>>> PERCENT CHANGE <<<<<	8%	-6%	-1%	*	9%	28%	*	8%	-6%	17%

*(ALL TIMES EXPRESSED IN HOURS)										
*.....	DELATED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF			
*.....		DELATED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSL			
*PREVIOUS QTR 10/85 THRU 12/85	5	.3	.0		1.6	.8	1.1			
*CURRENT QTR 10/86 THRU 12/86	6	.3	.0		2.3	.7	1.1			

* Y E A R T O D A T E										

*PREVIOUS YEAR 1/85 THRU 12/85	25	.2	.0		7.1	1.0	3.1			
*CURRENT YEAR 1/86 THRU 12/86	16	.3	.0		5.5	1.1	1.5			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JAN

K3 JACKSONVILLE
SOUTH ATLANTIC DIVISION

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*
* NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86:
*

* HENRY HOLLAND BUCKMAN LOCK - CROSS FLA BRG CNL
* EUREKA LOCK - CROSS FLA BRG CNL
* INGLIS LOCK - CROSS FLA BRG CNL
* CANAVERAL LOCK - CANAVERAL HARBOR
* ST LUCIE LOCK AND DAM - OKEECHOBEE WATERWAY
* MOORE HAVEN LOCK - OKEECHOBEE WATERWAY
* ORTONA LOCK AND DAM - OKEECHOBEE WATERWAY
* W P FRANKLIN LCK AND CTRL STRCT - OKEECHOBEE WATERWAY
* FORT MAYACA LOCK - OKEECHOBEE WATERWAY
* MOSS BLUFF LOCK AND DAM - OKLAHAMA RIVER
*
*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985
NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

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SOUTH ATLANTIC DIVISION

• NO DATA FOR THE FOLLOWING LOCKS WAS REPORTED FROM 10/86 THRU 12/86.

- CLAIBORNE LOCK AND DAM ALABAMA COOSA RIVER
- MILLERS FERRY LOCK AND DAM ALABAMA COOSA RIVER
- JONES BLUFF LOCK AND DAM ALABAMA COOSA RIVER
- JIM WOODRUFF LOCK AND DAM APLCH/CHTCH/FLNT RI
- GEORGE W ANDREWS LOCK AND DAM APLCH/CHTCH/FLNT RI
- WALTER F GEORGE LOCK AND DAM APLCH/CHTCH/FLNT RI
- COFFEEVILLE LOCK BLKWAR/TOMBIGBEE RI
- DEMOPOLIS LOCK AND DAM BLKWAR/TOMBIGBEE RI
- WARRIOR LOCK AND DAM BLKWAR/TOMBIGBEE RI
- WILLIAM BACON OLIVER LK AND DAM BLKWAR/TOMBIGBEE RI
- MOLT LOCK AND DAM BLKWAR/TOMBIGBEE RI
- JOHN MOLLIS BANKHEAD LK AND DAM BLKWAR/TOMBIGBEE RI
- LOCK 1 PEARL RIVER
- LOCK 2 PEARL RIVER
- LOCK 3 PEARL RIVER
- JAINESVILLE LOCK AND DAM TENN TOMBIGBEE WATERWAY
- ALICEVILLE LOCK AND DAM TENN TOMBIGBEE WATERWAY
- COLUMBUS LOCK AND DAM TENN TOMBIGBEE WATERWAY
- ABERDEEN LOCK AND DAM TENN TOMBIGBEE WATERWAY
- LOCK A TENN TOMBIGBEE WATERWAY
- LOCK B TENN TOMBIGBEE WATERWAY
- LOCK C TENN TOMBIGBEE WATERWAY
- LOCK D TENN TOMBIGBEE WATERWAY
- LOCK E TENN TOMBIGBEE WATERWAY
- HAY SPRINGS TENN TOMBIGBEE WATERWAY

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1985

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986

NEW SAVANNAH BLUFF LOCK & DAM
 SAVANNAH RIVER
 R6 SAVANNAH
 SOUTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
* FOURTH QUARTER	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
		(%)	(%)	*	(%)	*	(%)	(%)	*
				*		*			*
				*		*			*
***** PERCENT CHANGE *****	0%	0%	0%	* 0%	0%	* 0%	0%	0%	* 0%
				*		*			*
* YEAR TO DATE				*		*			*
				*		*			*
				*		*			*
***** PERCENT CHANGE *****	0%	0%	0%	* 0%	0%	* 0%	0%	0%	* 0%

* (ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL	
	DELATED	OF	OF			TIME	MAX	OF	
* FOURTH QUARTER	TOWS	DELATED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSL	
* YEAR TO DATE									

LOCK & DAM 1
CAPE FEAR RIVER
K7 WILMINGTON
SOUTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* FOURTH QUARTER									
* CURRENT QTR 10/86 THRU 12/86									
UPBOUND	7	57	47	3	100	13	46	15	3
DOWNBOUND	7	57	42	3	0	10	60	20	0
TOTAL	14	57	42	6	50	23	52	17	3
* PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* YEAR TO DATE									
* CURRENT YEAR 1/86 THRU 12/86									
UPBOUND	41	29	68	28	100	77	67	11	31
DOWNBOUND	74	62	37	28	0	83	56	27	0
TOTAL	115	50	48	56	50	160	61	20	31
* PERCENT CHANGE <<<<<	0%	0%	0%	0%	0%	0%	0%	0%	0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY OF		AVG DELAY OF	TOTAL DELAY TIME		DELAY MAX	AVG STALL OF	
* FOURTH QUARTER	TOWS	DELAYED TOWS		ALL TOWS	(TOWS)		(ALL VSL)	STALLED VSLs	
* CURRENT QTR 10/86 THRU 12/86	0	.0		.0	.0		.0	.0	
* YEAR TO DATE									
* CURRENT YEAR 1/86 THRU 12/86	0	.0		.0	.0		.0	.0	

* DATA REPORTED FOR THE FOLLOWING MONTHS: 1986 JUL

LOCK & DAM 2
CAPE FEAR RIVER
K7 WILMINGTON
SOUTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	15	13	20	* 3	100	* 14	42	7	* 3
* DOWNBOUND	10	20	30	* 3	0	* 9	66	11	* 0
* TOTAL	25	16	24	* 6	50	* 23	52	8	* 3
*>>>> PERCENT CHANGE <<<<<	0%	0%	0%	* 0%	0%	* 0%	0%	0%	* 0%
* Y E A R T O D A T E									
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	48	8	58	* 28	100	* 70	75	5	* 30
* DOWNBOUND	55	30	50	* 28	0	* 66	77	13	* 0
* TOTAL	103	20	54	* 56	50	* 136	76	9	* 30
*>>>> PERCENT CHANGE <<<<<	0%	0%	0%	* 0%	0%	* 0%	0%	0%	* 0%
*(ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY OF	AVG DELAY OF			TOTAL DELAY TIME	DELAY MAX	AVG STALL OF	
* F O U R T H Q U A R T E R	TOWS	DELATED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs	
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0			.5	.0	.0	
* Y E A R T O D A T E									
*CURRENT YEAR 1/86 THRU 12/86	56	.0	.0			4.6	.0	.0	

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL NOV

WILLIAM O HUSKE LOCK & DAM
CAPE FEAR RIVER
K7 WILMINGTON
SOUTH ATLANTIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *
* FOURTH QUARTER		(%)	(%) *		(%)		(%)	(%) *	
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	5	40	60 *	3	100	6	50	16 *	3 *
* DOWNBOUND	3	0	100 *	3	0	3	100	0 *	0 *
* TOTAL	8	25	75 *	6	50	9	66	11 *	3 *
*>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0%	0%	0%	0% *	0% *
* YEAR TO DATE									
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	44	36	63 *	28	100	39	46	41 *	31 *
* DOWNBOUND	52	46	53 *	28	0	39	56	41 *	0 *
* TOTAL	96	41	58 *	56	50	78	51	41 *	31 *
*>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0%	0%	0%	0% *	0% *
* (ALL TIMES EXPRESSED IN HOURS)									
	DELATED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* FOURTH QUARTER		DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
*CURRENT QTR 10/86 THRU 12/86	6	.0	.0	.5	.0	.0			
* YEAR TO DATE									
*CURRENT YEAR 1/86 THRU 12/86	55	.0	.0	4.5	.0	.0			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 JUL NOV

BARGE CANAL LOCK
 SCRMMTO DWSHP CHNL
 L2 SACRAMENTO
 SOUTH PACIFIC DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES *	TONNAGE *
	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	TONS *
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *	
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0% *	0%	0%	0% *	0%
* Y E A R T O D A T E									
*>>>> PERCENT CHANGE <<<<<	0%	0%	0% *	0%	0% *	0%	0%	0% *	0%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALL TOWS			
* Y E A R T O D A T E									

COLORADO RIVER EAST LOCK
GULF INTRACOASTAL
M3 GALVESTON
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN	VESSEL TOWS	* BARGES TOTAL	BARGES LOADED	* BARGES TOTAL	BARGES TOWNR	BARGES RECRTN	* ANNUAL TOTAL
* FOURTH QUARTER	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
* PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	2188	48	45	2120	75	1075	13		
* DOWNBOUND	2131	47	47	2034	34	1072	15		
* TOTAL	4319	48	46	4154	53	2147	19		
* CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	1295	38	52	1313	75	161	24		
* DOWNBOUND	1362	39	53	1385	34	154	15		
* TOTAL	2657	39	52	2698	54	315	19		
* PERCENT CHANGE	38%	49%	29%	35%	33%	29%	27%		
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	9644	52	38	7892	73	4272	18		
* DOWNBOUND	9744	53	41	8015	32	4304	9		
* TOTAL	19388	53	39	15907	52	8576	13		
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	10180	54	38	7903	74	4465	16		
* DOWNBOUND	10538	55	39	7929	33	4490	8		
* TOTAL	20718	55	39	15832	53	8955	12		
* PERCENT CHANGE	6%	10%	4%	0%	1%	4%	5%		

(ALL TIMES EXPRESSED IN HOURS)	AVG DELAY OF	AVG DELAY OF	TOTAL DELAY TIME	DELAY MAX	AVG STALL OF
* DELAYED TOWS	DELATED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs
* FOURTH QUARTER					
* PREVIOUS QTR 10/85 THRU 12/85	1288	.0	.0	65.9	.3
* CURRENT QTR 10/86 THRU 12/86	1399	.0	.0	58.7	.2
* YEAR TO DATE					
* PREVIOUS YEAR 1/85 THRU 12/85	7734	.0	.0	271.4	7.9
* CURRENT YEAR 1/86 THRU 12/86	8084	.0	.0	289.3	5.1

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

COLORADO RIVER WEST LOCK
GULF INTRACOASTAL
MT GALVESTON
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE
	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS
* FOURTH QUARTER		(%)	(%)		(%)		(%)	(%)	
* PREVIOUS QTR 10/85 THRU 12/85				*		*			*
* UPBOUND	3396	66	28	* 2086	70	* 1067	14	0	* 3408
* DOWNBOUND	3490	68	27	* 1990	34	* 1057	12	0	* 1338
* TOTAL	6886	67	28	* 4076	53	* 2124	13	0	* 4746
* CURRENT QTR 10/86 THRU 12/86				*		*			*
* UPBOUND	1118	32	56	* 1281	75	* 710	27	0	* 2317
* DOWNBOUND	1030	27	66	* 1289	35	* 711	24	0	* 813
* TOTAL	2148	30	61	* 2570	55	* 1421	25	0	* 3130
* PERCENT CHANGE <<<<<	68%	86%	31%	* -36%	-34%	* -33%	27%	-100%	* -34%
* YEAR TO DATE				*		*			*
* PREVIOUS YEAR 1/85 THRU 12/85				*		*			*
* UPBOUND	11225	61	31	* 7592	75	* 4130	8	0	* 12543
* DOWNBOUND	11858	63	32	* 7685	30	* 4143	7	0	* 4420
* TOTAL	23083	62	31	* 15277	52	* 8273	8	0	* 16963
* CURRENT YEAR 1/86 THRU 12/86				*		*			*
* UPBOUND	11580	62	31	* 7564	75	* 4211	9	0	* 13130
* DOWNBOUND	11867	63	33	* 7508	32	* 4223	7	0	* 4798
* TOTAL	23447	62	32	* 15072	53	* 8434	8	0	* 17928
* PERCENT CHANGE <<<<<	1%	2%	2%	* -1%	0%	* 1%	7%	-44%	* 5%
* (ALL TIMES EXPRESSED IN HOURS)									
	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL			
	TOWS	OF	OF	TIME	MAX	OF			
* FOURTH QUARTER		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs			
* PREVIOUS QTR 10/85 THRU 12/85	1933	.0	.0	60.1	.2	.0			
* CURRENT QTR 10/86 THRU 12/86	1316	.0	.0	46.5	.2	.0			
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85	7369	.0	.0	244.7	416.5	.7			
* CURRENT YEAR 1/86 THRU 12/86	7545	.0	.0	254.2	1.0	1.2			

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

AD-A103 621

PERFORMANCE MONITORING SYSTEM: SUMMARY OF LOCK
STATISTICS FOR OCTOBER-DECEMBER 1986(U) ARMY ENGINEER
INST FOR WATER RESOURCES FORT BELVOIR VA F SHARP

3/3

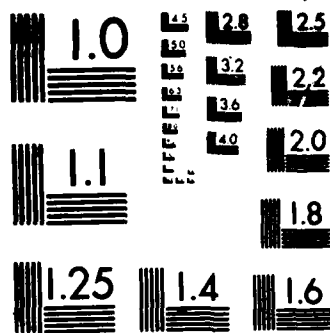
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MICROCOPY RESOLUTION TEST CHART

NATIONAL BUREAU OF STANDARDS-1963-A

BRAZOS EAST GATE
GULF INTRACOASTAL
M3 GALVESTON
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	1738	10	68	*	2002	73	*	1212	0	0 * 3078	
* DOWNBOUND	1869	14	65	*	2172	37	*	1256	0	0 * 1436	
* TOTAL	3607	12	66	*	4174	54	*	2468	0	0 * 4514	
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	1208	6	74	*	1353	74	*	928	0	0 * 2213	
* DOWNBOUND	1225	8	71	*	1414	36	*	898	0	0 * 827	
* TOTAL	2433	7	72	*	2767	55	*	1826	0	0 * 3040	

*>>>> PERCENT CHANGE <<<<<	-32%	-57%	-26%	*	-33%	-32%	*	-26%	-28%	0% * -32%	

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	6988	19	61	*	8036	73	*	4690	0	0 * 12012	
* DOWNBOUND	7295	20	62	*	8412	33	*	4920	0	0 * 4845	
* TOTAL	14283	20	62	*	16448	53	*	9610	0	0 * 16857	
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	6914	15	67	*	8329	72	*	4750	0	0 * 12667	
* DOWNBOUND	7127	17	66	*	8286	34	*	4857	0	0 * 5043	
* TOTAL	14041	16	67	*	16615	53	*	9607	0	0 * 17710	

*>>>> PERCENT CHANGE <<<<<	-1%	-17%	6%	*	1%	1%	*	-0%	105%	-100% * 5%	

*(ALL TIMES EXPRESSED IN HOURS)											
	DELAYED	AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY	AVG *TALL		
*.....		OF		OF		TIME		MAX	OF		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)	STALLED VSLS		

*PREVIOUS QTR 10/85 THRU 12/85	2400	.0		.0		82.8		9.2	1.9		
*CURRENT QTR 10/86 THRU 12/86	1764	.0		.0		120.7		9.5	3.1		

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	8836	.0		.0		461.7		12.8	2.4		
*CURRENT YEAR 1/86 THRU 12/86	9367	.0		.0		843.9		22.5	4.7		

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

BRAZOS WEST GATE
GULF INTRACOASTAL
M3 GALVESTON
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED *	TOTAL	COMMER	RECRTN *	KTOWS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85										*
* UPBOUND	1750	16	66 *	2013	71 *	1173	0	0 *	3019	*
* DOWNBOUND	1859	16	64 *	2110	37 *	1224	0	0 *	1443	*
* TOTAL	3609	16	65 *	4123	54 *	2397	0	0 *	4462	*
*CURRENT QTR 10/86 THRU 12/86										*
* UPBOUND	1431	7	60 *	1348	76 *	899	0	0 *	2207	*
* DOWNBOUND	1352	10	64 *	1394	34 *	888	0	0 *	817	*
* TOTAL	2783	8	62 *	2742	54 *	1787	0	0 *	3024	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	-22%	-57%	-26% *	-33%	-32% *	-25%	-44%	-100% *	-32%	*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85										*
* UPBOUND	6944	23	60 *	7966	73 *	4404	0	0 *	11873	*
* DOWNBOUND	6952	20	63 *	8259	32 *	4608	0	0 *	4682	*
* TOTAL	13896	21	62 *	16225	52 *	9012	0	0 *	16555	*
*CURRENT YEAR 1/86 THRU 12/86										*
* UPBOUND	7339	16	61 *	8177	73 *	4578	0	0 *	12539	*
* DOWNBOUND	7658	19	60 *	8170	32 *	4703	0	0 *	4907	*
* TOTAL	14997	18	61 *	16347	52 *	9281	0	0 *	17446	*
*-----										*
*>>>> PERCENT CHANGE <<<<<	7%	-10%	6% *	0%	1% *	2%	69%	-100% *	5%	*

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				
*-----	DELAYED	OF	OF	TIME	MAX	OF				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				
*-----										
*PREVIOUS QTR 10/85 THRU 12/85	2348		.0	.0	83.8	10.0			1.0	*
*CURRENT QTR 10/86 THRU 12/86	1730		.0	.0	134.0	7.3			3.4	*
*-----										
* Y E A R T O D A T E										
*-----										
*PREVIOUS YEAR 1/85 THRU 12/85	8591		.0	.0	486.3	10.0			3.0	*
*CURRENT YEAR 1/86 THRU 12/86	9117		.0	.0	785.5	11.4			4.2	*

NO DATA REPORTED FOR THE FOLLOWING MONTHS OF 1986 OCT

NORRELL LOCK & DAM
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS	*
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	213	7	69 *	637	48 *	216	56	6 *	421	*
* DOWNBOUND	202	10	72 *	571	83 *	210	52	10 *	691	*
* TOTAL	415	9	70 *	1208	65 *	426	54	8 *	1112	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	199	12	77 *	637	51 *	197	69	9 *	479	*
* DOWNBOUND	181	12	83 *	566	76 *	187	73	8 *	602	*
* TOTAL	380	12	80 *	1203	63 *	384	71	8 *	1081	*

*>>>> PERCENT CHANGE <<<<<	-8%	21%	4% *	-0%	-3% *	-9%	17%	-8% *	-2%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	915	15	67 *	2883	51 *	919	52	11 *	2097	*
* DOWNBOUND	908	16	70 *	2821	79 *	944	48	13 *	3196	*
* TOTAL	1823	16	69 *	5704	65 *	1863	50	12 *	5293	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	964	23	66 *	3071	54 *	958	72	17 *	2406	*
* DOWNBOUND	964	22	70 *	3118	77 *	972	74	16 *	3391	*
* TOTAL	1928	22	68 *	6189	65 *	1930	73	17 *	5797	*

*>>>> PERCENT CHANGE <<<<<	5%	48%	5% *	8%	9% *	3%	51%	41% *	9%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				*
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*

*PREVIOUS QTR 10/85 THRU 12/85	13	.4	.0	5.9	1.1	.0				*
*CURRENT QTR 10/86 THRU 12/86	36	.1	.0	4.7	.7	.0				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	54	.6	.0	34.9	3.6	.7				*
*CURRENT YEAR 1/86 THRU 12/86	108	.3	.0	42.4	3.0	.0				*

LOCK & DAM 2
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS *		
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*		
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* U P B O U N D	194	11	74 *	605	45	* 211	79	9 *	407 *		
* D O W N B O U N D	191	14	78 *	593	82	* 201	81	11 *	691 *		
* T O T A L	385	12	76 *	1198	63	* 412	80	10 *	1098 *		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* U P B O U N D	194	10	80 *	641	49	* 192	84	6 *	544 *		
* D O W N B O U N D	189	12	82 *	584	76	* 193	83	6 *	617 *		
* T O T A L	383	11	81 *	1225	62	* 385	84	6 *	1161 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	-0%	-10%	6% *	2%	0%	* -6%	-1%	-41% *	5% *		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----				*		*			*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* U P B O U N D	873	17	70 *	2853	50	* 889	79	12 *	2083 *		
* D O W N B O U N D	879	18	73 *	2862	79	* 904	78	13 *	3217 *		
* T O T A L	1752	17	72 *	5715	65	* 1793	78	13 *	5300 *		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* U P B O U N D	958	25	67 *	3098	53	* 925	75	17 *	2465 *		
* D O W N B O U N D	975	25	70 *	3156	77	* 967	74	18 *	3386 *		
* T O T A L	1933	25	69 *	6254	65	* 1892	75	18 *	5851 *		
*-----											
*>>>> PERCENT CHANGE <<<<<	10%	56%	5% *	9%	10%	* 5%	0%	41% *	10% *		

*(ALL TIMES EXPRESSED IN HOURS)											
*-----											
	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			
			OF	OF		TIME	MAX	OF			
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS			
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	40		.5	.0		22.8	2.3	2.3			
*CURRENT QTR 10/86 THRU 12/86	61		.9	.1		60.5	24.0	1.1			
*-----											
* Y E A R T O D A T E											
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	183		4.5	.6		838.7	744.0	1.9			
*CURRENT YEAR 1/86 THRU 12/86	237		.7	.1		173.6	24.0	1.5			

LOCK & DAM 3
 ARKANSAS RIVER
 M4 LITTLE ROCK
 SOUTHWESTERN DIVISION

* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL* TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* U P B O U N D	177	19	69	634	56	192	69	14	397
* D O W N B O U N D	182	21	69	543	81	202	70	14	615
* T O T A L	359	20	69	1177	67	394	69	14	1012
*CURRENT QTR 10/86 THRU 12/86									
* U P B O U N D	155	2	90	626	56	179	79	1	483
* D O W N B O U N D	153	5	88	553	75	180	79	2	540
* T O T A L	308	3	89	1179	65	359	79	2	1023
*>>>> PERCENT CHANGE <<<<<	-14%	-83%	10%	0%	-3%	-8%	4%	-85%	1%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* U P B O U N D	1080	44	50	2730	55	1081	53	29	2075
* D O W N B O U N D	1102	46	50	2623	77	1106	53	28	2939
* T O T A L	2182	45	50	5353	66	2187	53	29	5014
*CURRENT YEAR 1/86 THRU 12/86									
* U P B O U N D	1244	47	48	2972	57	1200	53	31	2506
* D O W N B O U N D	1306	48	46	3055	75	1204	53	31	3063
* T O T A L	2550	48	47	6027	66	2404	53	31	5569
*>>>> PERCENT CHANGE <<<<<	16%	23%	9%	12%	12%	9%	10%	17%	11%

* (ALL TIMES EXPRESSED IN HOURS)									
* F O U R T H Q U A R T E R	DELATED TOWS	AVG DELAY OF DELATED TOWS	AVG DELAY OF ALL TOWS	TOTAL DELAY TIME (TOWS)	DELAY MAX (ALL VSL)	AVG STALL OF STALLED VSLs			
*PREVIOUS QTR 10/85 THRU 12/85	22	.3	.0	7.4	1.1	.0			
*CURRENT QTR 10/86 THRU 12/86	34	.3	.0	11.9	.8	3.6			
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	110	.4	.0	49.8	24.3	1.0			
*CURRENT YEAR 1/86 THRU 12/86	148	.3	.0	57.7	2.2	2.8			

LOCK & DAM 4
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESEL	VESEL	VESEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTOWS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	169	18	69	* 570	52	* 183	69	13	* 398	*
* D O W N B O U N D	179	18	73	* 546	81	* 196	75	13	* 625	*
* T O T A L	348	18	71	* 1116	66	* 379	72	13	* 1023	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	151	4	92	* 626	59	* 162	85	3	* 485	*
* D O W N B O U N D	147	7	83	* 519	74	* 163	81	5	* 537	*
* T O T A L	298	6	88	* 1145	66	* 325	83	4	* 1022	*

*>>>> PERCENT CHANGE <<<<<	-14%	-71%	6%	* 2%	1%	* -14%	1%	-70%	* -0%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	961	39	56	* 2613	55	* 899	62	25	* 2048	*
* D O W N B O U N D	1030	41	53	* 2599	76	* 944	63	25	* 2799	*
* T O T A L	1991	40	54	* 5212	65	* 1843	63	25	* 4847	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1265	49	46	* 2918	59	* 1053	59	32	* 2412	*
* D O W N B O U N D	1288	51	45	* 2862	75	* 1056	59	31	* 2994	*
* T O T A L	2553	50	46	* 5780	67	* 2109	59	32	* 5406	*

*>>>> PERCENT CHANGE <<<<<	28%	58%	8%	* 10%	12%	* 14%	8%	44%	* 11%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*.....	DELAYED		AVG DELAY		AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*
* F O U R T H Q U A R T E R	TOWS		OF		OF		TIME	MAX	OF	*
			DELAYED TOWS		ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLS	*

*PREVIOUS QTR 10/85 THRU 12/85	28		.4		.0		11.2	.8	4.3	*
*CURRENT QTR 10/86 THRU 12/86	46		.2		.0		12.1	.8	45.0	*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	129		.4		.0		59.0	7.0	5.7	*
*CURRENT YEAR 1/86 THRU 12/86	154		.3		.0		59.1	3.6	24.0	*

LOCK & DAM 5
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* U P B O U N D	173	32	61	*	464	57	163	69	23	430
* D O W N B O U N D	188	32	63	*	472	78	186	67	25	611
* T O T A L	361	32	62	*	936	67	349	68	24	1041
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* U P B O U N D	132	9	84	*	473	57	146	78	8	367
* D O W N B O U N D	134	9	82	*	440	73	145	82	8	497
* T O T A L	266	9	83	*	913	65	291	80	8	864

*>>>> PERCENT CHANGE <<<<<	-26%	-78%	-1%	*	-2%	-6%	-16%	-2%	-71%	-17%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* U P B O U N D	1076	54	41	*	2049	62	978	48	43	1858
* D O W N B O U N D	1110	55	43	*	2089	74	1049	48	44	2572
* T O T A L	2186	54	42	*	4138	68	2027	48	43	4430
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* U P B O U N D	1244	55	41	*	2383	61	1131	48	43	1972
* D O W N B O U N D	1245	55	41	*	2375	73	1128	49	42	2755
* T O T A L	2489	55	41	*	4758	67	2259	49	42	4727

*>>>> PERCENT CHANGE <<<<<	13%	15%	10%	*	14%	12%	11%	12%	9%	6%

* (ALL TIMES EXPRESSED IN HOURS)										*
*	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL			*
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF			*
		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs			*

*PREVIOUS QTR 10/85 THRU 12/85	59	.1	.0		11.4	.7	.0			*
*CURRENT QTR 10/86 THRU 12/86	15	.4	.0		6.3	.9	.0			*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	242	.2	.0		57.4	2.0	.7			*
*CURRENT YEAR 1/86 THRU 12/86	122	.3	.0		39.2	1.4	.0			*

DAVID D TERRY LOCK & DAM
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
* F O U R T H Q U A R T E R	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
		(%)	(%) *		(%) *		(%)	(%)		*	

*PREVIOUS QTR 10/85 THRU 12/85			*			*			*	*	
* UPBOUND	245	51	44 *	473	55	* 191	60	36	* 356	*	
* DOWNBOUND	263	49	46 *	476	79	* 213	62	33	* 619	*	
* TOTAL	508	50	45 *	949	67	* 404	61	34	* 975	*	
*CURRENT QTR 10/86 THRU 12/86			*			*			*	*	
* UPBOUND	156	17	75 *	491	53	* 156	78	16	* 352	*	
* DOWNBOUND	154	20	74 *	455	74	* 155	79	18	* 489	*	
* TOTAL	310	18	75 *	946	63	* 311	78	17	* 841	*	

*>>>> PERCENT CHANGE <<<<<	-38%	-77%	0% *	-0%	-6%	* -23%	-1%	-61%	* -13%	*	

* Y E A R T O D A T E			*			*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85			*			*			*	*	
* UPBOUND	1876	73	24 *	2054	62	* 1362	35	60	* 1792	*	
* DOWNBOUND	1951	73	24 *	2105	74	* 1446	36	60	* 2582	*	
* TOTAL	3827	73	24 *	4159	68	* 2808	36	60	* 4374	*	
*CURRENT YEAR 1/86 THRU 12/86			*			*			*	*	
* UPBOUND	1851	69	29 *	2428	59	* 1491	37	58	* 1952	*	
* DOWNBOUND	1860	69	28 *	2439	73	* 1524	37	59	* 2738	*	
* TOTAL	3711	69	28 *	4867	66	* 3015	37	59	* 4690	*	

*>>>> PERCENT CHANGE <<<<<	-3%	-8%	13% *	17%	14%	* 7%	12%	5%	* 7%	*	

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
* F O U R T H Q U A R T E R	DELAYED	OF	OF	TIME	MAX	OF	*				
	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				

*PREVIOUS QTR 10/85 THRU 12/85	23	1.0	.1	25.0	6.5	3.0	*				
*CURRENT QTR 10/86 THRU 12/86	33	.4	.0	15.2	1.8	.0	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	133	.5	.0	71.7	6.5	2.1	*				
*CURRENT YEAR 1/86 THRU 12/86	176	.4	.0	77.0	2.8	1.1	*				

MURRAY LOCK & DAM
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*		
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN *	KTONS *	*		
* F O U R T H Q U A R T E R		(%)	(%) *		(%) *		(%)	(%) *		*		
*-----										*		
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*		
* UPBOUND	249	65	31 *	350	59	* 158	55	40 *	287	*		
* DOWNBOUND	250	61	35 *	373	77	* 190	52	43 *	511	*		
* TOTAL	499	63	33 *	723	68	* 348	53	42 *	798	*		
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*		
* UPBOUND	130	33	63 *	363	52	* 107	81	15 *	253	*		
* DOWNBOUND	117	24	67 *	319	81	* 111	77	20 *	401	*		
* TOTAL	247	29	65 *	682	65	* 218	79	18 *	654	*		
*-----										*		
*>>>> PERCENT CHANGE <<<<<	-50%	-76%	-4% *	-5%	-9% *	-37%	-7%	-72% *	-18%	*		
*-----										*		
* Y E A R T O D A T E				*		*			*	*		
*-----				*		*			*	*		
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*		
* UPBOUND	1753	77	20 *	1680	62	* 1135	35	62 *	1466	*		
* DOWNBOUND	1796	76	21 *	1733	75	* 1231	34	62 *	2252	*		
* TOTAL	3549	76	21 *	3413	69	* 2366	34	62 *	3718	*		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*		
* UPBOUND	1534	74	24 *	1814	56	* 1118	36	61 *	1355	*		
* DOWNBOUND	1544	74	23 *	1777	78	* 1140	35	62 *	2261	*		
* TOTAL	3078	74	23 *	3591	67	* 2258	36	61 *	3616	*		
*-----										*		
*>>>> PERCENT CHANGE <<<<<	-13%	-15%	-1% *	5%	2% *	-4%	-1%	-5% *	-2%	*		

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY		AVG DELAY		TOTAL DELAY		DELAY		AVG STALL	
*-----	DELAYED	OF		OF		TIME		MAX		OF		
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS		ALL TOWS		(TOWS)		(ALL VSL)		STALLED VSLS		
*-----												
*PREVIOUS QTR 10/85 THRU 12/85	17	.6		.0		10.6		2.5		1.2		
*CURRENT QTR 10/86 THRU 12/86	24	.4		.0		10.2		1.4		.0		
*-----												
* Y E A R T O D A T E												
*-----												
*PREVIOUS YEAR 1/85 THRU 12/85	89	.4		.0		38.0		2.5		1.7		
*CURRENT YEAR 1/86 THRU 12/86	84	.4		.0		33.9		2.6		.9		

TOAD SUCK FERRY LOCK & DAM
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*	

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	108	25	71	*	340	59	*	115	71	21	* 265
* DOWNBOUND	130	27	70	*	386	79	*	138	70	21	* 519
* TOTAL	238	26	70	*	726	70	*	253	70	21	* 784
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	87	8	89	*	351	55	*	92	86	3	* 252
* DOWNBOUND	85	7	89	*	319	82	*	94	85	4	* 394
* TOTAL	172	7	89	*	670	68	*	186	86	3	* 646

*>>>> PERCENT CHANGE <<<<<	-27%	-79%	-8%	*	-7%	-9%	*	-26%	10%	87%	* -17%

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	566	33	63	*	1672	62	*	575	65	26	* 1450
* DOWNBOUND	618	36	61	*	1717	76	*	636	63	28	* 2242
* TOTAL	1184	35	62	*	3389	69	*	1211	64	27	* 3692
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	578	33	64	*	1795	57	*	591	67	23	* 1362
* DOWNBOUND	686	45	52	*	1779	78	*	607	63	26	* 2216
* TOTAL	1264	39	58	*	3574	67	*	1198	65	25	* 3578

*>>>> PERCENT CHANGE <<<<<	6%	20%	-0%	*	5%	2%	*	-1%	0%	-9%	* -3%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL	*				
*	DELAYED	OF	OF	TIME	MAX	OF	*				
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLS	*				

*PREVIOUS QTR 10/85 THRU 12/85	43	.2	.0	9.3	.9	.0	*				
*CURRENT QTR 10/86 THRU 12/86	33	10.3	2.2	341.8	312.0	.0	*				

* Y E A R T O D A T E							*				

*PREVIOUS YEAR 1/85 THRU 12/85	160	.2	.0	44.4	2.2	.0	*				
*CURRENT YEAR 1/86 THRU 12/86	138	2.6	.4	367.3	312.0	.9	*				

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ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL TOTAL	VESSEL RECRTN (%)	VESSEL TOWS (%)	* BARGES TOTAL	* BARGES LOADED (%)	* LCKGES TOTAL	LCKGES COMMER (%)	LCKGES RECRTN (%)	* TONNAGE KTONS
* F O U R T H Q U A R T E R									
*PREVIOUS QTR 10/85 THRU 12/85									
* UPBOUND	91	15	82	343	60	113	68	12	297
* DOWNBOUND	110	20	77	375	79	128	71	11	515
* TOTAL	201	17	79	718	70	241	69	12	812
*CURRENT QTR 10/86 THRU 12/86									
* UPBOUND	93	20	78	335	51	104	71	14	242
* DOWNBOUND	97	22	74	307	80	103	73	14	390
* TOTAL	190	21	76	642	65	207	72	14	632
*>>>> PERCENT CHANGE <<<<<	-5%	13%	-9%	-10%	-16%	-14%	-10%	3%	-22%
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	529	32	65	1637	62	654	55	18	1541
* DOWNBOUND	572	33	64	1706	76	707	56	20	2225
* TOTAL	1101	32	64	3343	69	1361	55	19	3766
*CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	528	33	65	1723	56	556	64	26	1318
* DOWNBOUND	556	36	61	1714	79	583	62	29	2220
* TOTAL	1084	35	63	3437	68	1139	63	28	3538
*>>>> PERCENT CHANGE <<<<<	-1%	5%	-3%	2%	0%	-16%	-4%	19%	-6%

*(ALL TIMES EXPRESSED IN HOURS)									
	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	
	TOWS	OF	OF	OF		TIME	MAX	OF	
* F O U R T H Q U A R T E R		DELAYED TOWS	ALL TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	
*PREVIOUS QTR 10/85 THRU 12/85	19		.2	.0		4.3	1.0	.0	
*CURRENT QTR 10/86 THRU 12/86	15		.5	.0		8.2	1.7	2.1	
* Y E A R T O D A T E									
*PREVIOUS YEAR 1/85 THRU 12/85	75		.3	.0		25.0	2.5	1.4	
*CURRENT YEAR 1/86 THRU 12/86	74		.7	.0		57.8	35.1	1.8	

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* QUARTERLY PERIOD	VESSEL	VENEF	VENEF	* 420/34	BARGES	* 100/24	100/24	100/24	* TONNAGE
	NO	NO	NO	NO	NO	NO	NO	NO	KTONS
* PREVIOUS YEAR 12/85 THRU 12/86									
* UPBOUND	138	13	71	360	50	131	13	13	294
* DOWNBOUND	127	10	71	360	79	131	91	13	508
* TOTAL	265	23	73	724	69	242	81	13	802
* CURRENT YEAR 12/86 THRU 12/87									
* UPBOUND	81	8	91	335	52	89	84	1	246
* DOWNBOUND	88	10	80	308	80	88	84	3	378
* TOTAL	169	18	96	643	65	177	81	2	624
* PERCENT CHANGE	31%	68%	17%	11%	15%	-28%	24%	-87%	-22%
* YEAR TO DATE									
* PREVIOUS YEAR 1/85 THRU 12/85									
* UPBOUND	680	35	57	1653	60	664	64	27	1403
* DOWNBOUND	735	40	54	1704	77	731	67	29	2395
* TOTAL	1415	77	55	3357	68	1394	71	28	3798
* CURRENT YEAR 1/86 THRU 12/86									
* UPBOUND	636	43	54	1703	54	671	64	31	1303
* DOWNBOUND	695	40	51	1690	79	633	64	33	2189
* TOTAL	1331	44	52	3393	67	1251	68	32	3492
* PERCENT CHANGE	6%	9%	12%	1%	-13%	10%	15%	3%	-5%

* TIME EXPRESSED IN HOURS	AV. DELAY	AV. DELAY	TOTAL DELAY	DELAY	AVG. STALL
	OF	OF	TIME	MAX	OF
* PREVIOUS YEAR 1/85 THRU 12/85	15				1.0
* CURRENT YEAR 1/86 THRU 12/86	118				1.0
* PERCENT CHANGE					
* PREVIOUS YEAR 1/85 THRU 12/85	15				1.0
* CURRENT YEAR 1/86 THRU 12/86	118				1.0
* PERCENT CHANGE					
* PREVIOUS YEAR 1/85 THRU 12/85	15				1.0
* CURRENT YEAR 1/86 THRU 12/86	118				1.0
* PERCENT CHANGE					

OZARK LOCK & DAM
ARKANSAS RIVER
M4 LITTLE ROCK
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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*.....	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	94	8	87	*	356	60	103	84	6	295
* DOWNBOUND	101	9	85	*	352	80	116	81	8	504
* TOTAL	195	9	86	*	708	70	219	83	7	799
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	73	0	95	*	324	54	79	89	0	244
* DOWNBOUND	79	5	88	*	323	81	80	92	2	358
* TOTAL	152	2	92	*	647	68	159	91	1	602

*>>>> PERCENT CHANGE <<<<<	-22%	-77%	-16%	*	-8%	-11%	* -27%	-20%	-88%	* -24%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	576	39	58	*	1583	60	544	64	28	1351
* DOWNBOUND	616	41	56	*	1626	78	592	63	29	2216
* TOTAL	1192	40	57	*	3209	69	1136	64	28	3567
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	537	35	62	*	1662	58	512	69	23	1307
* DOWNBOUND	563	38	60	*	1698	79	532	67	25	2131
* TOTAL	1100	36	61	*	3360	69	1044	68	24	3438

*>>>> PERCENT CHANGE <<<<<	-7%	-17%	-1%	*	4%	3%	* -8%	-2%	-22%	* -3%

*(ALL TIMES EXPRESSED IN HOURS)		AVG DELAY	AVG DELAY			TOTAL DELAY	DELAY	AVG STALL		*
*.....	DELAYED	OF	OF			TIME	MAX	OF		*
* F O U R T H Q U A R T E R	TOWS	DELAYED TOWS	ALL TOWS			(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	136	.1	.1			22.2	1.0	1.0		*
*CURRENT QTR 10/86 THRU 12/86	77	.2	.1			16.9	1.6	.0		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	531	.1	.1			88.3	1.6	1.0		*
*CURRENT YEAR 1/86 THRU 12/86	415	.1	.1			75.6	1.8	.2		*

LOCK & DAM 13
ARKANSAS RIVER
M4 LITTLE ROCK
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	189	6	88	*	509	70	*	204	85	5 * 368
* DOWNBOUND	201	8	84	*	502	57	*	213	84	6 * 494
* TOTAL	390	7	86	*	1011	63	*	417	84	5 * 862
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	183	1	96	*	481	69	*	184	96	1 * 327
* DOWNBOUND	189	4	92	*	445	52	*	187	94	2 * 369
* TOTAL	372	3	94	*	926	61	*	371	95	1 * 696

*>>>> PERCENT CHANGE <<<<<	-4%	-60%	3%	*	-8%	-12%	*	-11%	0%	-70% * -19%

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	1100	35	60	*	2156	70	*	984	70	21 * 1643
* DOWNBOUND	1146	37	58	*	2197	58	*	1037	69	23 * 2201
* TOTAL	2246	36	59	*	4353	64	*	2021	70	22 * 3844
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	1186	33	65	*	2366	70	*	1073	73	19 * 1741
* DOWNBOUND	1236	36	62	*	2339	55	*	1111	70	22 * 2124
* TOTAL	2422	35	63	*	4705	63	*	2184	71	21 * 3865

*>>>> PERCENT CHANGE <<<<<	7%	3%	16%	*	8%	5%	*	8%	10%	0% * 0%

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS	OF	OF	OF		TIME	MAX	OF		*
		DELAYED	TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED	VSLs	*

*PREVIOUS QTR 10/85 THRU 12/85	63		.4	.0		27.6	1.3	1.2		*
*CURRENT QTR 10/86 THRU 12/86	59		.2	.0		15.3	1.0	.9		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	229		.4	.0		94.5	2.2	2.7		*
*CURRENT YEAR 1/86 THRU 12/86	270		.3	.0		88.1	1.5	1.2		*

W D MAYO LOCK & DAM
ARKANSAS RIVER
M5 TULSA
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*	
*-----											
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*		
* UPBOUND	121	23	66 *	352	57	* 103	83	12 *	274		
* DOWNBOUND	124	20	66 *	324	79	* 110	85	10 *	524		
* TOTAL	245	22	66 *	676	68	* 213	84	11 *	798		
*CURRENT QTR 10/86 THRU 12/86				*		*			*		
* UPBOUND	76	0	90 *	276	53	* 78	94	0 *	215		
* DOWNBOUND	94	10	73 *	258	74	* 86	90	5 *	295		
* TOTAL	170	5	81 *	534	64	* 164	92	3 *	510		
*-----											
*>>>> PERCENT CHANGE <<<<<	-30%	-81%	-15% *	-21%	-25% *	-23%	-15%	-79% *	-36%		
*-----											
* Y E A R T O D A T E				*		*			*		
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*		
* UPBOUND	872	57	39 *	1492	54	* 572	63	32 *	1161		
* DOWNBOUND	910	57	38 *	1510	80	* 600	64	32 *	2154		
* TOTAL	1782	57	38 *	3002	67	* 1172	63	32 *	3315		
*CURRENT YEAR 1/86 THRU 12/86				*		*			*		
* UPBOUND	728	52	45 *	1489	55	* 513	68	25 *	1134		
* DOWNBOUND	795	54	41 *	1512	78	* 548	65	29 *	1947		
* TOTAL	1523	53	43 *	3001	66	* 1061	66	27 *	3081		
*-----											
*>>>> PERCENT CHANGE <<<<<	-14%	-19%	-5% *	-0%	-0% *	-9%	-5%	-22% *	-7%		

*(ALL TIMES EXPRESSED IN HOURS)			AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL	*		
*-----	DELAYED		OF	OF		TIME	MAX	OF	*		
* F O U R T H Q U A R T E R	TOWS		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs	*		
*-----											
*PREVIOUS QTR 10/85 THRU 12/85	1		.3	.0		.3	.3	1.9			
*CURRENT QTR 10/86 THRU 12/86	5		.3	.0		1.9	.6	.0			
*-----											
* Y E A R T O D A T E									*		
*-----											
*PREVIOUS YEAR 1/85 THRU 12/85	28		.3	.0		10.0	12.0	1.9			
*CURRENT YEAR 1/86 THRU 12/86	29		.8	.0		23.7	9.4	.0			

ROBERT S KERR LOCK & DAM & RES
ARKANSAS RIVER
M5 TULSA
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*	
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*	
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*		(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*	
* UPBOUND	112	20	72	*	340	57	*	110	78	18	* 274 *
* DOWNBOUND	118	22	69	*	328	79	*	120	77	18	* 466 *
* TOTAL	230	21	70	*	668	68	*	230	77	18	* 740 *
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*	
* UPBOUND	81	6	87	*	283	55	*	86	88	4	* 221 *
* DOWNBOUND	88	11	76	*	252	74	*	89	85	8	* 312 *
* TOTAL	169	8	81	*	535	64	*	175	86	6	* 533 *

*>>>> PERCENT CHANGE <<<<<	-26%	-69%	-15%	*	-19%	-24%	*	-23%	-15%	-71%	* -27% *

* Y E A R T O D A T E				*		*			*	*	

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*	
* UPBOUND	738	50	47	*	1478	54	*	626	58	38	* 1159 *
* DOWNBOUND	767	51	44	*	1499	80	*	666	57	39	* 2111 *
* TOTAL	1505	50	46	*	2977	67	*	1292	57	38	* 3270 *
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*	
* UPBOUND	620	44	53	*	1515	56	*	558	62	31	* 1156 *
* DOWNBOUND	658	47	49	*	1504	78	*	582	60	33	* 1959 *
* TOTAL	1278	46	51	*	3019	67	*	1140	61	32	* 3115 *

*>>>> PERCENT CHANGE <<<<<	-15%	-22%	-4%	*	1%	1%	*	-11%	-5%	-25%	* -4% *

*(ALL TIMES EXPRESSED IN HOURS)											
*-----	DELAYED	AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL				
* F O U R T H Q U A R T E R	TOWS	OF	OF		TIME	MAX	OF				
		DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs				

*PREVIOUS QTR 10/85 THRU 12/85	8	.7	.0		5.9	2.0	.3				
*CURRENT QTR 10/86 THRU 12/86	7	1.2	.0		8.8	6.0	.4				

* Y E A R T O D A T E											

*PREVIOUS YEAR 1/85 THRU 12/85	53	.5	.0		26.5	2.0	.5				
*CURRENT YEAR 1/86 THRU 12/86	42	.6	.0		27.9	6.0	.5				

WEBBERS FALLS LOCK & DAM
ARKANSAS RIVER
M5 TULSA
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*
*-----				*		*			*	*
*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	93	12	80	* 310	59	* 98	80	12	* 266	*
* DOWNBOUND	98	13	82	* 315	73	* 107	81	12	* 416	*
* TOTAL	191	13	81	* 625	66	* 205	80	12	* 682	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	72	4	90	* 261	60	* 76	89	3	* 222	*
* DOWNBOUND	72	2	91	* 243	69	* 77	89	2	* 289	*
* TOTAL	144	3	90	* 504	64	* 153	89	3	* 511	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	-24%	-80%	-16%	* -19%	-21%	* -25%	-17%	-80%	* -25%	*
*-----				*		*			*	*
* Y E A R T O D A T E				*		*			*	*
*-----				*		*			*	*
*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	486	33	63	* 1252	63	* 488	65	27	* 1166	*
* DOWNBOUND	506	35	61	* 1267	71	* 505	65	28	* 1675	*
* TOTAL	992	34	62	* 2519	67	* 993	65	27	* 2841	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	513	38	59	* 1316	59	* 499	63	29	* 1087	*
* DOWNBOUND	556	41	55	* 1332	71	* 523	61	32	* 1630	*
* TOTAL	1069	40	57	* 2648	65	* 1022	62	31	* 2717	*
*-----				*		*			*	*
*>>>> PERCENT CHANGE <<<<<	7%	24%	-0%	* 5%	2%	* 2%	-2%	15%	* -4%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----										*
* F O U R T H Q U A R T E R	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
	TOWS	OF	OF	TIME	MAX	OF				*
		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*
*-----										*
*PREVIOUS QTR 10/85 THRU 12/85	81	.2	.1	21.5	1.3	.9				*
*CURRENT QTR 10/86 THRU 12/86	22	.3	.0	7.0	1.3	.7				*
*-----										*
* Y E A R T O D A T E										*
*-----										*
*PREVIOUS YEAR 1/85 THRU 12/85	368	.3	.1	110.9	10.1	.7				*
*CURRENT YEAR 1/86 THRU 12/86	246	.3	.1	78.8	93.7	.6				*

CHOUTEAU LOCK & DAM
ARKANSAS RIVER
M5 TULSA
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL	* BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE	*
*-----	TOTAL	RECRTN	TOWS	* TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS	*
* F O U R T H Q U A R T E R		(%)	(%)	*	(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	87	4	87	* 269	47	* 89	92	3	* 178	*
* DOWNBOUND	87	6	89	* 276	76	* 93	89	4	* 393	*
* TOTAL	174	5	88	* 545	61	* 182	90	3	* 571	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	74	1	82	* 233	57	* 84	82	1	* 197	*
* DOWNBOUND	80	1	81	* 228	72	* 88	88	1	* 281	*
* TOTAL	154	1	81	* 461	65	* 172	85	1	* 478	*

*>>>> PERCENT CHANGE <<<<<	-11%	-80%	-18%	* -15%	-10%	* -5%	-10%	-71%	* -16%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	401	20	75	* 1098	56	* 422	76	17	* 872	*
* DOWNBOUND	507	37	58	* 1111	74	* 437	72	20	* 1535	*
* TOTAL	908	29	66	* 2209	65	* 859	74	18	* 2407	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	397	15	78	* 1310	56	* 416	80	13	* 1002	*
* DOWNBOUND	421	19	74	* 1280	76	* 435	79	15	* 1683	*
* TOTAL	818	17	76	* 2590	66	* 851	80	14	* 2685	*

*>>>> PERCENT CHANGE <<<<<	-9%	-48%	4%	* 17%	18%	* -0%	6%	-23%	* 11%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*-----	DELAYED		AVG DELAY	AVG DELAY		TOTAL DELAY	DELAY	AVG STALL		*
* F O U R T H Q U A R T E R	TOWS		OF	OF		TIME	MAX	OF		*
			DELAYED TOWS	ALL TOWS		(TOWS)	(ALL VSL)	STALLED VSLs		*

*PREVIOUS QTR 10/85 THRU 12/85	16		.0	.0		1.0	.2	.4		*
*CURRENT QTR 10/86 THRU 12/86	8		.4	.0		3.2	.8	.0		*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	108		.0	.0		9.1	1.1	.4		*
*CURRENT YEAR 1/86 THRU 12/86	36		.3	.0		12.2	1.3	2.2		*

NEWT GRAHAM LOCK & DAM
ARKANSAS RIVER
M5 TULSA
SOUTHWESTERN DIVISION

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* QUARTERLY REPORT	VESSEL	VESSEL	VESSEL*	BARGES	BARGES	* LCKGES	LCKGES	LCKGES	* TONNAGE *	
*.....	TOTAL	RECRTN	TOWS *	TOTAL	LOADED	* TOTAL	COMMER	RECRTN	* KTONS *	
* F O U R T H Q U A R T E R		(%)	(%) *		(%)	*	(%)	(%)	*	*

*PREVIOUS QTR 10/85 THRU 12/85				*		*			*	*
* UPBOUND	85	7	88 *	262	48	* 85	91	4	* 176	*
* DOWNBOUND	90	8	85 *	283	75	* 90	91	5	* 377	*
* TOTAL	175	8	86 *	545	62	* 175	91	5	* 553	*
*CURRENT QTR 10/86 THRU 12/86				*		*			*	*
* UPBOUND	66	0	92 *	222	56	* 67	94	0	* 181	*
* DOWNBOUND	71	0	92 *	236	69	* 74	94	0	* 271	*
* TOTAL	137	0	92 *	458	62	* 141	94	0	* 452	*

*>>>> PERCENT CHANGE <<<<<	-21%	-100%	-16% *	-15%	-15%	* -19%	-16%	-100%	* -18%	*

* Y E A R T O D A T E				*		*			*	*

*PREVIOUS YEAR 1/85 THRU 12/85				*		*			*	*
* UPBOUND	373	15	80 *	1080	56	* 384	81	14	* 858	*
* DOWNBOUND	392	18	76 *	1119	73	* 401	79	15	* 1486	*
* TOTAL	765	17	78 *	2199	65	* 785	80	15	* 2344	*
*CURRENT YEAR 1/86 THRU 12/86				*		*			*	*
* UPBOUND	371	10	85 *	1296	55	* 386	86	9	* 976	*
* DOWNBOUND	384	12	83 *	1290	74	* 403	84	10	* 1639	*
* TOTAL	755	11	84 *	2586	64	* 789	85	9	* 2615	*

*>>>> PERCENT CHANGE <<<<<	-1%	-35%	6% *	17%	17%	* 0%	6%	-33%	* 11%	*

*(ALL TIMES EXPRESSED IN HOURS)										*
*.....	DELAYED	AVG DELAY	AVG DELAY	TOTAL DELAY	DELAY	AVG STALL				*
* F O U R T H Q U A R T E R	TOWS	OF	OF	TIME	MAX	OF				*
*.....		DELAYED TOWS	ALL TOWS	(TOWS)	(ALL VSL)	STALLED VSLs				*
*PREVIOUS QTR 10/85 THRU 12/85	14	.3	.0	4.7	.8	.5				*
*CURRENT QTR 10/86 THRU 12/86	6	2.0	.0	12.5	10.8	3.1				*

* Y E A R T O D A T E										*

*PREVIOUS YEAR 1/85 THRU 12/85	70	.2	.0	19.4	1.2	5.9				*
*CURRENT YEAR 1/86 THRU 12/86	51	.6	.0	35.2	10.8	2.1				*

#EOR
#EOI

Appendix B

Glossary

Draft: This is not a physical lock dimension. It is compared with new data before it is added to the central library to ensure that vessel drafts are not recorded improperly.

Tows: Only tows with barges are included with this figure. Tows without barges (light boats) and other commercial vessels are counted as "other vessels."

Other vessels: All vessels other than tows with barges and recreational vessels.

Commercial lockages: The number of lockages for which the prime mover is a tow, a light boat, or another commercial vessel.

Recreational lockages: The number of lockages during which there are only recreational vessels using a lock.

Other lockages: The number of lockages during which the prime mover is a government vessel, a government contracted vessel (such as a dredge) or an unidentified type of vessel. Also included in this category are navigable and open pass lockages.

Total lockages: A lockage includes all lock activity necessary to process a tow and is counted only once when more than one vessel uses the lock. Thus, both cuts of a double cut lockage (e.g. only part of the tow will fit in the lock and it is necessary to process the tow in two pieces) count as a single lockage together and the count increases by only one when two tows are processed during a single lockage.

Processing time: Only the times needed to process tows with barges are included in these statistics.

Delayed vessels: Number of tows experiencing delay between arrival time and the time the lock is ready to process them.

Average delay: Average time of delay for all tows.

Maximum delay: Maximum delay time for vessels. This figure may reflect a single, extraordinary circumstance and should be evaluated accordingly.

END

9-87

DTIC